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<220>
<221> misc_feature
<222> (1055)...(732)
<223> similar to gi34659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7892
tttttatatt tttaaattatt ttatttttctt gttctttgtg aaaacatcaa taaatatcga      60
aacctctctg ctctaacaca gagggaaaca ctgcataatt aacattaaac aaggcagtat      120
gccttacaag aaagacataa aatgtccaag ggatatttag aacatttttag ttcttaaagc      180
ttcaacatga gaaatgttga ccacacactg tgaaatcatt tcaataaata acaactgaca      240
ttcatcttta cagttacaaa atagacacac atacatttcc ctgccgtcac attgatctta      300
ctggccattt tcttggattc ctcagcctct atcacagtgg ctgacatgtg atatgtcatc      360
acgaagaaat attaacaaat gactagagaa tatctgcaaa ccttctatct tcaaattaaa      420
tatgaatcag gattgaacta acttgggttt gacctaaaat aaacaataaa tataatggga      480
gagtgtgcaa gtagattcaa tcataacctt attttacaca taaaatatta acatagaatc      540
ttctaaaaca aacaaataaa taaataaata aataaataaa tagaagactt ctcctaagtg      600
atgctcaaac acattaggcg caatccaggt ggcctctgca gctgtgtctc tctttcctct      660
tctgttcttg taaggcgagg gcctccttca ggaacagcca ccaataagct tcctccttcc      720
ttctggtcag ttggatttgc catttttcag catcttttcg atgattttct taaccatggg      780
cgatgcgggg ttgagacaag ctttctgccc attcttgagt gtggctatga cttcggtttg      840
ggcgcatggg ggtccggggg acttcacctt cacactttgg atgttcttga ggtgaattcc      900
ctgcagggtc tgcaagcact ggcagcgtag ttcagtggcc aggggcgctc ctgctgcgcg      960
ccggctggcg gccaccagga gcaggagcag cagcgccact cgcaggagcc ggggattgct     1020
gggggcggcg gagagcgtgg cgcggggccat ggggctcagc aggcgggttcg agcggctgtg     1080
cgaggaggag agctggcaag gagctccgtg gcccgggctc tgtc                          1124

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<210> 7893
<211> 2855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2856)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2795)...(2118)
<223> similar to gi4929659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7893
ttcaaaattc tgaaaacagt attaaggaaa aacaggaact gtttcactta ggtcttacct      60
agtatagtag tgaatcaact tcacaattag taagattatc aacatgaata caaaagcaag      120
actacaaact gattattttc ttttggagat gttttatgat caattccaaa catacagtac      180

```

aggggaaggtg	aaatgagtaa	gaaaaaaaaa	tcatatttaa	gtccccgtta	acactaagcc	240
atattattca	aaatgtgttt	caaaatactc	agccagatca	ccaaatctca	gtcactacct	300
tagtataaat	attcactaag	aaaatagtca	agcaacagaa	atccattgtg	agacaccatc	360
tagagagaac	agctacactg	ctatatataa	tttattaact	tagtagttta	gtttctcaat	420
atthagcaag	tttaaaaatt	accattacca	ttggtttata	gtgccattaa	tataaatcca	480
taatttcaaa	gtcatcattc	ctttcactgt	gaactaagac	ttcttaaaaag	atagttgtgg	540
gttggggaac	agtaatgact	gtagctgatg	ggcagtgttc	aaagccaaaa	agactggcaa	600
gcttggaag	gcatacacta	tacatacaca	cactctcagt	atactactgt	tccccttatt	660
tttgctgtac	attcctgtct	gaaaagatgg	tataaattat	tcccttaa	ttgaaaaaac	720
aattaagatg	aatacatttt	catcttcatt	tcaaaattat	ccttctaaat	aaaaaagttc	780
ctcatgtttg	ttaaactctgt	tcaaaagttg	gatttaaata	ctttcttcac	aacatgtaca	840
atgttttcac	ccttactgcc	tcattacaat	cagtttgga	ataagacctc	cagtgtctta	900
tcaaaaatgg	cattcaatag	attataagat	tgttaaatct	gcatttcaat	cattcttacc	960
acaatgaatt	ataacaaagt	ccaaaaaaat	gtatgactat	tcatcaacac	ccttggaa	1020
tatgaattat	tgcaaaataat	ctcacacgtg	catgtaatcc	aaacataaac	ttcgtgggag	1080
aggggggtgta	aaataaatat	tatggatatt	cttcaattct	atttaagtct	gcctagctgg	1140
ttaaatgaaa	gattaatata	ttactaacag	gaagagtcaa	actattttta	ggactgtttt	1200
ctaagtagaa	caattttgca	aaacaaagat	aagcaagagc	ctatgcaa	acattttctt	1260
gtagtgtaat	gtaattgcta	atatgaggta	taatctgtaa	gcaattaata	caaataataa	1320
taggtataag	ccaccactaa	ctcagtctgg	tgaaaagctt	ctcagctaaa	gtagttgaa	1380
gataagggtta	agggaaatga	gaaggggtgg	acagggcagg	tttcagtg	gaaaataatt	1440
tatgtgcctt	accattgtga	tcacctgtga	tgtaccagtc	cgttgttgca	gaacggtaaa	1500
tcctttccaa	gtatgttata	ctttatgtag	cacagtaaaa	ttatttaagt	attactaatg	1560
cttcatttgc	atttgtattt	agatatacac	ataattatat	atgcatatca	aaaactataa	1620
acagaatttt	aaaacacttt	tatctcaatt	ggggaaagtt	aacaggtaag	acaaaactac	1680
gtactacaga	atttttttagg	atatctaaac	tcaaggtaaa	accaatagaa	aacatttcta	1740
cctctttagt	aaatggcttg	tgtgaaacct	caagctctcc	ctcatttttt	ttacagatgg	1800
gtttgtctga	tgaggattgt	gatccaatga	ttgttttagca	gcaattttac	caaaactgta	1860
aattctttta	ttaacaggca	ttataaacag	ataatactaa	tcttatttaa	aaacatgag	1920
tgccacactg	gtgaatatac	agcttatgaa	taacttaaaa	agtatttccc	attttaaaag	1980
gcaaaccag	catacaaaaa	cctatactaa	acaaagaagc	tataatatgg	atacatgatt	2040
gatgtgtcta	aaatgatata	tacagtacat	aatgttaatt	atatgatcag	tacatttttc	2100
ctatgattcc	cttcagtctt	cactttcccc	agaaaactgaa	ttctgtactt	cctcttctaa	2160
aattggtaca	atcagggttat	ccttgacat	caaattgtat	ttcatcacia	acttagtaaa	2220
ccgatgacac	aaaaatgttt	cattttcata	ttcatcaaat	atctgccgat	gatgaaaata	2280
agcatgtgaa	aatattctgt	aaatcctacg	gcatactgat	cctagtttcg	ctacagatga	2340
ttcctttatg	ctaaccctgc	tgggaaaata	tttattgcta	ttcagaagac	atgcagcacc	2400
atcaagtgtg	tgtctagtat	agtctatagc	aggacactct	tttggagttt	tatgagctgc	2460
acaaagaaaa	atccattgtt	cagttgctgt	catttgagtg	caagtatctg	gatggcattc	2520
actctgaagt	ttgacagcaa	gtccatttag	ctcaaggcag	aactgcctta	aatgttcata	2580
cttccacaca	ccttcactct	ggccttcagg	tggttcaaga	attttgtcaa	tattggagca	2640
atctgctctt	atgttctgtt	gaatatactg	ttgaacagct	agtgtactgt	ccatttcatc	2700
aaaggattca	tcaggccaat	tatagaaatc	ctgcgccttg	gtgcccggcc	tgttccgcct	2760
cagcactgcc	gtcccctccg	ccatgaccat	agtgccagcg	tctaggcggc	tggagtcgga	2820
attccnccgn	nctggctagt	gtcatcgatt	ttcaa			2855

<210> 7894  
 <211> 869  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (852)...(151)

<223> similar to gi33702 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7894

tttttttttt	ttctggttgt	caatgaggat	atattattggg	gtttcatgag	tgcagggaga	60
agggctggat	gacttgggat	ggggagagag	acccctcccc	tgggatcctg	cagctccagg	120
ctcccgtggg	tggggttaga	gttgggaacc	tatgaacatt	ctgtaggggc	caactgtcttc	180
tccacggtgc	tcccttcatg	cgtgacctgg	cagctgtagc	ttctgtggga	cttccactgc	240
tcgggcgtca	ggctcaggta	gctgctggcc	gcgtacttgt	tgttgctctg	tttgagggggt	300
ttggtggtct	ccactcccgc	cttgacgggg	ctgccatctg	ccttccaggc	caactgtcaca	360
gctcccgggt	agaagtcact	gatcagacac	actagtgtgg	ccttggtggc	ttggagctcc	420
tcagaggagg	gcgggaacag	agtgacagtg	gggttggcct	tgggctgacc	taggacggtg	480
accttggtcc	cagttccgaa	gacataagag	gcagtgctgc	tgtcccacgc	ctgacagtaa	540
tagtcagcct	catccatagc	ctgggtcccc	ctgatgggtca	gggaggccgt	gttgccagag	600
ttggaccagg	agaatcgctc	agggatccct	gagggccgct	tgtcaccttg	atagatgacc	660
agcacagggg	actggcctgg	cttctgctga	taccagcaag	tagataaatc	ccccaattta	720
tctccagagc	aggtgatgct	ggctgtctgt	cctggggaca	cggacactga	gggtggctga	780
gtcagctcat	aggaggccac	ggatcctgtg	cagtaagcaa	ggacgccgag	gaagagaggg	840
atccatgcc	tggtgaggc	acctccgat				869

<210> 7895

<211> 3807

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (28)...(3022)

<223> similar to gi406868 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7895

ggctcggctc	ctagagctgc	cacggccatg	gccagagccc	gcccgcgcgc	gccgcgcgtcg	60
ccgcccgcgg	ggcttctgcc	gctgctccct	ccgctgctgc	tgctgcccgt	gctgctgctg	120
cccgcgggct	gccgggcgct	ggaagagacc	ctcatggaca	caaaatgggt	aacatctgag	180
ttggcgtgga	catctcatcc	agaaagtggg	tgggaagagg	tgagtggcta	cgatgaggcc	240
atgaatccca	tccgcacata	ccaggtgtgt	aatgtgcgcg	agtcaagcca	gaacaactgg	300
cttcgcacgg	ggttcatctg	gcggcgggat	gtgcagcggg	tctacgtgga	gctcaagttc	360
actgtgcgtg	actgcaacag	catccccaac	atccccggct	cctgcaagga	gaccttcaac	420
ctcttctact	acgaggctga	cagcgatgtg	gcctcagcct	cctccccctt	ctggatggag	480
aaccctacg	tgaaagtgga	caccattgca	cccgatgaga	gcttctcgcg	gctggatgcc	540
ggcgcgtgtca	acaccaaggt	gcgcagcttt	gggccacttt	ccaaggctgg	cttctacctg	600
gccttccagg	accagggcgc	ctgcatgtcg	ctcatctccg	tgcgcgcctt	ctacaagaag	660
tgtgcatcca	ccaccgcagg	cttcgcactc	ttccccgaga	ccctcactgg	ggcggagccc	720
acctcgctgg	tcattgtctc	tggcacctgc	atccctaacg	ccgtggagggt	gtcgggtgcc	780
ctcaagctct	actgcaacgg	cgatggggag	tggatggtgc	ctgtgggtgc	ctgcacctgt	840

gccaccggcc	atgagccagc	tgccaaggag	tcccagtgcc	gcccctgtcc	ccctgggagc	900
tacaaggcga	agcagggaga	ggggccctgc	ctcccatgtc	cccccaacag	ccgtaccacc	960
tccccagccg	ccagcatctg	cacctgccac	aataacttct	accgtgcaga	ctcggactct	1020
gcggacagtg	cctgtaccac	cgtgccatct	ccaccccgag	gtgtgatctc	caatgtgaat	1080
gaaacctcac	tgatcctcga	gtggagttag	ccccgggacc	tgggtgtccg	ggatgacctc	1140
ctgtacaatg	tcatctgcaa	gaagtgccat	ggggctggag	gggcctcagc	ctgctcacgc	1200
tgtgatgaca	acgtggagtt	tgtgcctcgg	cagctggggc	tgtcggagcc	ccgggtccac	1260
accagccatc	tgctggccca	cacgcgctac	acctttgagg	tgcaggcggg	caacggtgtc	1320
tcgggcaaga	gccctctgcc	gcctcgttat	gcgcccgtag	atatcaccac	aaaccaggct	1380
gccccgtctg	aagtgccac	actacgcctg	cacagcagct	caggcagcag	cctcacccta	1440
tcttgggcac	ccccagagcg	gcccacgga	gtcatcctgg	actacgagat	gaagtacttt	1500
gagaagagcg	agggcatcgc	ctccacagt	accagccaga	tgaactccgt	gcagctggac	1560
gggcttcggc	ctgacgcccc	ctatgtggtc	caggtccgtg	ccgcacagt	agctggctat	1620
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gagtacacgg	agaagctgca	gcagtacatt	gctcctggaa	tgaaggttta	tattgaccct	1860
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ctgaaacagc	ctggccgccc	agaggtgttt	gtggccatca	agacgctgaa	ggtgggctac	2040
accgagaggg	agcggcgggg	cttcctaagc	gaggccctca	tcatgggtca	gtttgatcac	2100
cccaatataa	tccggctcga	gggcgtggtc	accaaagtc	ggccagttat	gacccctact	2160
gagttcatgg	aaaactgcgc	cctggactcc	ttcctccggc	tcaacgatgg	gcagttcacg	2220
gtcatccagc	tgggtggcat	gttgcggggc	attgctgccc	gcatgaagta	cctgtccgag	2280
atgaactatg	tgcaccgcga	cctggctgct	cgcaacatcc	ttgtcaacag	caacctggct	2340
tgcaaagctc	cagactttgg	cctctcccgc	ttcctggagg	atgacccctc	cgatcctacc	2400
tacaccagtt	ccctgggcgg	gaagatcccc	atccgctgga	ctgccccaga	ggccatagcc	2460
tatcggaagt	tcacttctgc	tagtgatgtc	tggagctacg	gaattgtcat	gtgggaggtc	2520
atgagctatg	gagagcgacc	ctactgggac	atgagcaacc	aggatgtcat	caatgccgtg	2580
gagcaggatt	accggctgcc	accacccatg	gactgtccca	cagcactgca	ccagctcatg	2640
ctggactgct	gggtgcggga	ccggaacctc	aggcccaa	tctcccagat	tgtcaatacc	2700
ctggacaagc	tcatccgcaa	tgctgccagc	ctcaagggtc	ttgccagcgc	tcagtctggc	2760
atgtcacagc	ccctcctgga	ccgcacggtc	ccagattaca	caaccttcac	gacagttggg	2820
gattggctgg	atgccatcaa	gatggggcgg	tacaaggaga	gcttcgtcag	tgcggggttt	2880
gcatcttttg	acctggtggc	ccagatgacg	gcagaagacc	tgtcccgat	tggggtcacc	2940
ctggccggcc	accagaagaa	gatcctgagc	agtatccagg	acatgcggct	gcagatgaac	3000
cagacgctgc	ctgtgcaggt	ctgacaccgg	ctccacggg	gaccctgagg	accgtgcagg	3060
gatgccaaag	agccggctgg	actttcggac	tcttggactt	ttggatgcct	ggccttaggc	3120
tgtggccccg	aagctggaag	tttgggaaag	gcccagctg	ggacttctcc	aggcctgtgt	3180
tccctcccca	ggaagtgcgc	cccaaacctc	ttcatattga	agatggatta	ggagaggggg	3240
tgatgacccc	tccccaaagc	cctcagggcc	cagaccttcc	tgctctccag	caggggatcc	3300
ccacaacctc	acacttgtct	gttcttcagt	gctggaggtc	ctggcagggg	caggctgggg	3360
taagccgggg	ttccacaggg	cccagccctg	gcaggggtct	ggccccccag	gtaggcggag	3420
agcagtcctt	ccctcaggaa	ctggaggagg	ggactccagg	aatggggaaa	tgtgacacca	3480
ccatcctgaa	gccagcttgc	acctccagtt	tgcacaggga	tttgttctgg	gggctgaggg	3540
ccctgtcccc	acccccgccc	ttgggtgctg	cataaaaagg	caggcagggg	caggctgagg	3600
agttgccctt	tgccccccag	agactgactc	tcagagccag	agatgggatg	tgtgagtgtg	3660
tgtgtgtgtg	tgcgcgcgcg	cgtgtgtgtg	tgacgcact	ggcctgcaca	gagagcatgg	3720
gtgagcgtgt	aaaagcttgg	ccctgtgccc	tacaatgggg	ccagctgggc	cgacagcaga	3780
ataaaggcaa	taagatgaaa	aaaaaaa				3807

<210> 7896

<211> 971



<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (540)...(695)  
 <223> similar to gi4200330 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 7896
cctggagacc cctcgagatc actggcagtg tgggtggaatt cgtcagagca agaactggac      60
agcgtggcca tgaagctcct tcaccaagta agcaagctgt gtgggaagtg cagccccact     120
gacgtggaca tcctgcagcc ctccctcaac ttctgtatt ggagccttca tcagaccaca     180
cccagcagtc agaaaagagg tgcaggggcc cgggctggga cagtgaagag tgctgggcag     240
tctgtgggtcc tctgtatctc aactttttca tcttaaaaaa acaaataggg ttgtgtgtgt     300
ggctgggtggg cataagggtcc tttctggctc taataacctg agcttctgtt atgaagctgg     360
gacccttaga gcctcaggat gatcctctgt ttgtttgtga agccccaatc aggtgctaag     420
caccatagtg gcacttagct gaagctcctc tgtaactcct gtgggccttg ccttgcccac     480
ccccgacagc tgctgcagtg ctctgagca gcacaggcct gatggagctt ctggagaaga     540
tgctggccct caccttggca aaggcagatt ctcccaggac tgactcctc tgctctgcct     600
ggctgtcac tgccctcctc tctgcccagc agcacaaggc cagtttgtag aaggaccctc     660
tattgtccca ggctgtgtt ggctgcctgg aggccttgct tgactacctg gatgcccgga     720
gcccagacat tggtagaaac tctccacatt atctgatgtt cccatgagag agattagagg     780
gagcaacacc cttccaccct cctgctccag ccttccattc ccttgtgtga ctcatacttg     840
ttttgtttta ttcttttagc agcactgcaa gggcagtcac gccattata cagatgggat     900
caataaggtt cagatagggtc aaatgatgtg cccaaccaag gtcacaatgc tcttaagtgg     960
cagagccctt c                                     971
  
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<210> 7897  
 <211> 1611  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1589)...(839)  
 <223> similar to gi5730480 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7897
atgcatgatt tacaaagttt tggagacccc ctggtctgag gccaccctc cagcacctct      60
gtctttccca agttgagaac ttacaagttc tgggacagag gcaccactct ggtttcatgt     120
cgtgtcctaa ttctggcatg ccctcctctc acatcgcatc caaccagag gacgcaaat     180
gaatgctcag catgtttact aaaacagtgt ctctacaata aacacagcag gccaacatgt     240
atagctttta ttacctacc caagttcctt ttacatgtga gttatctgca ttccaccttg     300
ccccctctcc caggatgaat cctcttggca cagaggaagg ggtgcccctt caactagggc     360
cagagcctag atgacctggt ggatccccc ccatgaaaaa agcaggaagg gaatggagaa     420
  
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gaaaagtgtt	gatcacacct	agccctcacc	acaggagggg	gaatgaagag	gtctggggga	480
ctgcccccat	gctatgcccc	agtccttaaa	tacaaagcaa	ggagaatgaa	aaggaccctc	540
cctctgaaat	acagcaccca	cctcagcatg	gaggcaaaaag	gacagtgggc	aagaccacgt	600
ccctccgaag	ggagagggct	gaaggagagc	acataccgtt	agtggctgcg	gcacccctcc	660
ctaccagggg	ctgatgcagc	ctcagcaccg	ggagtgggga	gaggggagga	gaagggatga	720
cagcactgtg	ccatccactc	ctccctgaac	ccctggcccc	agcacaggca	ttcctctgcc	780
cactagccca	agtcagggga	tgtggaagaa	actgtgttgg	aatccaaggc	ccttatctat	840
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atctctccat	aggagacctg	gtgacaaagg	caataggtgg	gttcggttgg	atccacaggc	1020
atatccaaca	catcagaggg	gtggacactg	ccaaagggtca	ctgagggcat	cccatactca	1080
ggacttgtgc	gcacgagctt	taactttctt	tgggcagctc	tgggggcttc	ttcatccgag	1140
tttttccctt	tggaacgagc	acgagcagct	ttctttctct	tttgagtccg	gcctttcttt	1200
ttgcctttgc	tggaagagct	gtcatagtca	cttgactcaa	tctgtttctc	cttgagatca	1260
gcctcaaaac	gggccagggt	tgtgtccagc	cgccgaatgt	gtttgtccac	catctcatag	1320
gtctgcatgg	caagetgcac	cttgtcgtca	ccaaattcct	tgcacttgcc	ataggcttcc	1380
tggatctgtt	tgagaagggc	caatttttcc	tcggaactca	ggctgcgggc	actactcata	1440
tactcagtgg	ccaacttgtc	aatttcagcc	ttcaggctct	ctgttctttg	gtctaggtcc	1500
ctcatgagct	gaaagtttct	ctgtaattcg	aagggaaggt	tttcaatact	gtccagataa	1560
tgttccaaat	acatccccgc	agccatctcg	aagcaaaaaca	aagcaacttc	c	1611

<210> 7898

<211> 2759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (279)...(2147)

<223> similar to gi5834600 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7898

tcgcgatcta	gaactagtcg	cggcgcggct	gcggctttgc	ctcggcgcga	cagggaaaat	60
aaaagaagca	aaaacaggcc	ctgctgtgag	ggaccacgag	gcagtgccag	gatgaaagag	120
ttggagtaac	ctaggtgatt	ctgagtgaat	cagtcaggag	gccttcctgg	agggggctga	180
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atagggatgt	gagcagcaga	gaggaggcca	cagagaagcc	gtggctgaag	tccttgggtga	420
gccggaagga	tcacgtcctg	gacctcatgc	tggaggccat	gaacaacctt	agagattcaa	480
tgcccaagct	ccaaatcagg	gctccagaag	cccagcagac	tctgttctcc	ataaatcagt	540
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tggagaccca	ggaaaaggaa	gaaggctata	agaagcactg	tttcaatgcc	tttgccagcg	720
accggatctc	cctgcagagg	tccttggggc	cagacacccg	accacctgag	tgtgtggacc	780
agaagtccg	gcgctgcccc	ccactggcca	ccaccagcgt	gatcattgtg	ttccacaacg	840
aagcctggtc	cacactgctg	cgaacagtgt	acagcgtcct	acacaccacc	cctgccatct	900
tgctcaagga	gatcatactg	gtggatgatg	ccagcacaga	ggagcaccta	aaggagaagc	960
tggagcagta	cgtgaagcag	ctgcaggtgg	tgagggtggg	gcggcaggag	gagcggaagg	1020

ggctgatcac	cgccccggctg	ctggggggcca	gcgtggcaca	ggcggaggtg	ctcacgttcc	1080
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aggacaagac	agtggtggtg	agcccagaca	tcgtcaccat	cgaccttaat	acttttgagt	1200
tcgccaagcc	cgtccagagg	ggcagagtcc	atagccgagg	caactttgac	tggagcctga	1260
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aagtgcgcct	ggcagaggtc	tggatggaca	gctacaagaa	gattttctat	aggagaaatc	1620
tgcaggcagc	aaagatggcc	caagagaaat	ccttcgggtga	catttcggaa	cgactgcagc	1680
tgagggaaca	actgcactgt	cacaactttt	cctgggtacct	gcacaatgtc	taccagaga	1740
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aatgcctgga	tgtgggtgag	aacaaccgcg	gggggaagcc	cctcatcatg	tactcctgcc	1860
acggccttgg	cggcaaccag	tactttgagt	acacaactca	gagggacctt	cgccacaaca	1920
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tcactggcaa	gaatagccag	gtccccaagg	acgaggaatg	ggaattggcc	caggatcagc	2040
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tcaggctggg	cacagtggct	catgcctgaa	atcctagcac	tttggaaga	caatgtggga	2520
gaatggcttg	agcccaggag	ttcaagaccg	gcctgagcaa	catagtgagg	atcccatctc	2580
tacgcccacc	ctccccccgg	caaaaaaaaa	agctgggtat	gggggcttat	gcctgtagtc	2640
gcagctactc	aaaaggctga	ggtgggagga	ttgcttggtc	cccggagggt	gaagctacag	2700
tgagccttga	ttgtgtcact	gcactccagc	ctgggcaaca	ggtaagactc	tgtctcaaa	2759

<210> 7899

<211> 2050

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (101)...(237)

<223> similar to gi2829147 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7899

acaacgcagc	tccgccctcg	caaaggcaca	gcgcggggcgc	aggcgcccag	aggcgcacgg	60
gagacctcag	gcccagactc	cactccccag	ctgtgaaagg	actgctggcc	agacccccaa	120
gctagcccgc	caggcctcca	tagagctgcc	cagcatggct	gcatccagta	ccaagagttg	180
gtgggagacg	ggtgaggtac	aggctcagtc	tgcggccaaag	actccgtcct	gcaaggtaag	240
gtccccctcca	ggggcaaggc	tgggctgcag	agccagcact	ggggagttta	gtagcaggcc	300
aggtttcctt	gttaagacaa	gcgtgggact	gtccaggatg	aatgtgggca	gacagaaccc	360
tgaggatttg	cagtaggggt	gggttcaccc	ttgctgggtg	agaaggctgt	gttgtccgag	420
tggaggtgga	tggcaccttt	attccgttcc	ctgcttcttc	cactgggatc	gcacagaaaa	480

agtttttgta	ggcagatccc	aggccccctg	gccaggttaag	gcaaggcagg	agagaagggc	540
ccagggttc	tactcccaa	gatccagggg	tctgcccttg	tgacataccc	ttctgctgcc	600
cccaggatat	tgtggctgga	gacatgagca	agaaaagcct	ctgggagcag	aaggagggt	660
ccaagacctc	atcaacaatt	aagctgcaaa	ccaccaagg	tgaagtcac	ttagcctctt	720
ggagtcagcc	tgactggggt	gaaccattg	atatgtattg	cataaatgaa	catatgacag	780
tagtgatgaa	ggatctccag	ctatccgtgt	actctctatg	cttcccagac	tctttggcag	840
ttgcactggg	tactggctga	gttctggaaa	acaggaatgt	gagcagagt	ctgcagatct	900
ccttgtcagg	agcacctaag	aactggcatg	actctacacc	ctctctcctt	ctgcaatgac	960
ctcgtgtcaa	gatggcagac	ccgcagagat	gaatgtgcct	ggatacctga	gtcaccagggt	1020
ggaggaaact	cccattgaca	tgcatacac	tccacatatg	aaacccttct	ttttctgcac	1080
tgtcactggg	gttagggatt	attactcact	gcaacttagc	ctagcattaa	gttgcttgac	1140
taatacaagt	ttcaataaat	gtcgcttcat	ttcccatggc	ttttgactga	atgctgtgca	1200
atatccacaa	accatccaga	ttgtggttta	taaataccac	ccttcaactaa	aaggactcag	1260
agtccttgt	agaaatggct	gatgctaagg	ctggggtagg	gaagtacaag	gtgagcccag	1320
agtgtgtgt	ggtgccagaa	agcaaggaag	catttaaaaa	atgacaggga	catgtcaaag	1380
gacacatcaa	tcaacttcaa	ggggcttcca	ctggccaaat	ctgggatgat	gtgagcatcc	1440
aaattaataa	tgataatggt	agattatagt	ctattgaata	aatgagAAC	ctataactat	1500
agaaagaaag	aaaagggaag	gaagaaaaga	aagaagaaga	gaggagaggga	gggagagagg	1560
gaggggaggga	cggaggagg	gaagaaggaa	gaagactttc	ttacggtaga	atgccaatga	1620
ataaatacag	aggaataat	agaaaactcc	atttgcaaac	atgatcataa	tagtttattc	1680
aaggaagaat	catcactgag	tgaaaattta	agaaggtaaa	gtatgttttc	attgtctcat	1740
agcacttcca	ctcatatggt	ttattaattg	caaagagaaa	aagtggtaac	ttaacagtag	1800
agaaacccag	caggctctcc	cttaatgagc	tgaacaaagt	taacaacacc	aggaatagga	1860
caaatgggtg	ccaagtgtct	cttgatgtga	tacactgaga	acacagcatt	gcttctgtag	1920
cattccggtc	cctggaggaa	acatcagaca	aacacagatg	gagggacctt	caaggactga	1980
cctgaactgt	tcttcggtgt	caaccccatg	atagacaaaa	agaggcagag	gaactgttcc	2040
agattaaggg						2050

<210> 7900

<211> 1876

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (99)...(1183)

<223> similar to gi4335933 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7900

ggcggaattc	ggactgcagc	tgtggggaga	tttcagtgc	ttgcctcccc	tgggtgctct	60
tcatcttgga	tttgaaagt	gagagcagca	tgttttgccc	actgaaactc	atcctgctgc	120
cagtgttact	ggattattcc	ttgggcctga	atgacttgaa	tgtttccccg	cctgagctaa	180
cagtccatgt	gggtgattca	gctctgatgg	gatgtgtttt	ccagagcaca	gaagacaaat	240
gtatattcaa	gatagactgg	actctgtcac	caggagagca	cgccaaggac	gaatatgtgc	300
tatactatta	ctccaatctc	agtgtgccta	ttgggcgctt	ccagaaccgc	gtacacttga	360
tgggggacat	cttatgcaat	gatggctctc	tcctgctcca	agatgtgcaa	gaggctgacc	420
agggaaaccta	tatctgtgaa	atccgcctca	aaggggagag	ccagggtgtc	aagaaggcgg	480
tgttactgca	tgtgcttcca	gaggagccca	aagagctcat	ggtccatgtg	ggtggattga	540
ttcagatggg	atgtgttttc	cagagcacag	aagtgaacaa	cgtgaccaag	gtagaatgga	600

tatttttcagg	acggcgcgca	aaggaggaga	ttgtatttcg	ttactaccac	aaactcagga	660
tgtctgtgga	gtactcccag	agctggggcc	acttccagaa	tcgtgtgaac	ctgggtggggg	720
acattttccg	caatgacggg	tccatcatgc	ttcaaggagt	gagggagtca	gatggaggaa	780
actacacctg	cagtatccac	ctagggaaac	tggtgttcaa	gaaaaccatt	gtgctgcatg	840
tcagcccgga	agagcctcga	acactgggtg	ccccggcagc	cctgaggcct	ctgggtcttg	900
gtggtaatca	gttgggtgat	attgtgggaa	ttgtctgtgc	cacaatcctg	ctgctccctg	960
ttctgatatt	gatcgtgaag	aagacctgtg	gaaataagag	ttcagtgaat	tctacagtct	1020
tgggtgaagaa	cacgaagaag	actaatccag	agataaaaaga	aaaaccctgc	catttttgaaa	1080
gatgtgaagg	ggagaaacac	atttactccc	caataattgt	acgggagggtg	atcgagggaag	1140
aagaaccaag	tgaaaaatca	gaggccacct	acatgaccat	gcacccagtt	tggccttctc	1200
tgaggtcaga	tcggaacaac	tcacttgaaa	aaaagtcagg	tgggggaatg	ccaaaaacac	1260
agcaagcctt	ttgagaagaa	tggagagtcc	cttcatctca	gcagcggggg	agactctctc	1320
ctgtgtgtgt	cctggggccac	tctaccagtg	atttcagact	cccgtctctc	cagctgtcct	1380
cctgtctcat	tgtttggtca	atacactgaa	gatggagaat	ttggagcctg	gcagagagac	1440
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agaccctcct	gtgggcaggg	ttcttagtgg	atgagttact	gggaagaatc	agagataaaa	1620
accaacccaa	atcattcctc	tggcacatta	tttctaaata	agtgttgttt	gtggaaatcg	1680
tcctattttt	atgcctcggt	tgagggggca	agtaaagtcc	tggtgaggaa	tatacagtta	1740
gaaacttttg	gaaaaactga	agttcctgga	ggaaagccaa	accgtgctaa	cacactagag	1800
gctggttttg	gtcctgggaa	aggtttgggg	tgaatgggtt	ggaagtaggg	tatgaataca	1860
gttttgggat	ttaaaa					1876

<210> 7901

<211> 1436

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (190)...(675)

<223> similar to gi849238 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7901

ttgaactgac	tgccctcgaa	acagcgtggg	ggaattcttg	gcggcgggct	ctgcctccgc	60
cgagggacag	ccggatcgcc	cctctgcttc	ccgcaactgc	cctgatcacc	ccccgtccca	120
gcccttgagt	gaacgtcctt	ctgagcggct	tcctggggtc	ctccccacgt	cccaaaggcc	180
ggcaagatgg	tgtcctggat	gatctgtcgc	ctgggtgggtg	tggtgttttg	gatgctgtgt	240
ccagcttatg	cttccataaa	ggctgtgaag	accaagaaca	ttcgtgaata	tgtgcgggtg	300
atgatgtact	ggattgtttt	tgcactcttc	atggcagcag	agatcgttac	agacattttt	360
atctcctggg	tccctttcta	ctatgagatc	aagatggcct	tcgtgctgtg	gctgctctca	420
ccctacacca	agggcgccag	cctgctttac	cgcaagtttg	tccaccctgc	cctgtcccgc	480
catgagaagg	agatcgacgc	gtacatcgtg	caggccaagg	agcgcagcta	cgagaccgtg	540
ctcagcttcg	ggaagcgggg	cctcaacatt	gccgcctccg	ctgctgtgca	ggctgccacc	600
aagagtcagg	gggcgctggc	cggcaggctg	cggagcttct	ccatgcagga	cctgcgctcc	660
atctctgacg	cacctgcccc	tgcctaccat	gacccctctt	acctggagga	ccaggtgtcc	720
caccggaggc	caccatttgg	gtaccggggc	gggggcctgc	aggacagcga	caccgaggat	780
gagtgttggg	cagatactga	ggcagtcccc	cgggcgccag	cccggccccg	agagaagccc	840
ctaataccga	gccagagcct	gcgtgtggtc	aagaggaagc	caccggtgcg	ggagggcacc	900

tcgcgctccc	tgaaggttcg	gacgaggaaa	aagactgtgc	cctcagacgt	ggacagctag	960
ggtctgctgc	atctgcccc	ttcttacctc	gtgccctgca	gggctccagg	gctatttgga	1020
gggaccttgg	gctgcacatc	tggcctgcct	gcaccagctg	cctggggcccc	accctcctga	1080
ctcctgctga	tggttaaggg	ccgggagcag	atgctgccaa	ggccacatgc	agggatgcac	1140
ccacaatgta	ccaaagcagg	ctggggccag	ggttctatct	attgccttgc	tctgccctct	1200
cccttccccg	gttggtgggac	aagagccctc	cctgaacccc	tgcaaccctc	cctgaacccc	1260
tgcaaatgaa	accaaacgtc	cacctgggtg	tgttcattcc	ttcctgtcct	tcaaagtact	1320
tgatagcctt	tcataaggcc	tggcacatgt	gtcctgggtg	tgtgtgtgtg	tggttggtgag	1380
tgaggtcagg	tttgcgagtg	ttttgataaa	taaatacata	aaggggaaaa	aaaaaa	1436

<210> 7902

<211> 1146

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (64)...(1147)

<223> similar to gi5924397 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7902

ggaattcgag	agtgcacgc	gcagcgggga	aggtgtgagt	cgtgaacggc	ccgggtctcc	60
gccatggcct	ctctactcgc	caaggacgcc	tacctgcaga	gcctggccaa	gaagatctgc	120
tcccatctcg	ccccggaaca	gcaggcgcgc	acgcgggctg	gcaaaactca	aggctcagaa	180
actgcagggc	ccccaaaaaa	gaaaaggaag	aaaacacaaa	agaaattccg	gaagcgagaa	240
gagaaggctg	ctgagcacia	ggccaagtcc	ttgggggaga	aatctccagc	agcctctggg	300
gccaggaggc	ctgaggcagc	caaagaggaa	gcagcttggg	cttccagctc	agcagggaac	360
cctgcagatg	gcctggccac	tgagcctgag	tctgtctttg	ctctggatgt	tctgcgacag	420
cgactgcatg	agaagatcca	ggaggcccg	ggccagggca	gtgccaaagga	gctgtccccct	480
gccgccttgg	agaaaaggcg	gcggagaaa	caggaaacgg	accggaagaa	gaggaagcga	540
aaggagctgc	ggcgaaaga	gaaggccagg	aaggctgagg	aggccatgga	ggcccaggag	600
gtggtggagg	caacccca	gggggcctgc	acggagccgc	gggagccgcc	cgggctgatc	660
ttcaataagg	tggaggtgag	cgaagacgag	ccggccagca	aggcgcagcg	cagaaaagag	720
aagaggcaga	gggtgaagg	gaacctcacg	ccgctgaccg	ggaggaacta	ccggcagctg	780
ctggagcgcc	tgaggcacg	gcagagccgg	ctggacgagc	tgcgcgccca	ggatgagggg	840
aaggcgagc	agctggaggc	gaagatgaag	tggaccaacc	tcctctacaa	ggcgaggggc	900
gtgaagatcc	gtgacgacga	acgcctgctg	caggaggccc	tgaagcgcaa	ggagaagcgc	960
agggcgagc	ggcagcgccg	gtgggagaag	cgcacggccg	gcgtggtgga	gaagatgcag	1020
cagcgccagg	accggcgccg	gcagaacctg	cgcaggaaga	aggcgggccc	cgccgagcgc	1080
cgctgtctca	gagcccgcaa	gaagggccgc	atcctgccgc	aggacctgga	gcgcgcaggc	1140
ctggtc						1146

<210> 7903

<211> 1054

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1028)...(391)

<223> similar to gi291900 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7903

tttttttttt	ttcaggctgt	tttttactag	tgtctggaag	acatttagga	gaattccaac	60
tgattaccat	ttacagtgat	cacaatgaaa	ctgctcagag	ttatcactga	acttcagtaa	120
gaaaatacaa	cagagtgcc	tcaggacagg	ggagagggca	ggagactgct	ccatcgctct	180
gctcatgtcc	acactgccaa	ggccccacc	acgggggtcc	ccagtgcacc	ccagctccgg	240
ggcagaagag	gcagcctgca	gatctctgct	gccgggaaag	agctcctgaa	gttgtgggggt	300
ctggactctg	ctggggacgg	ggccttccgc	gagtctccca	cctctcgggg	gactgcaggg	360
agaggcgtct	ccagtgggca	gccttgggtc	acttccatag	ctccccagc	ggcttctctg	420
tggcagtgcg	gatggcgctc	tcagagagca	cgcgatgtc	ctcatggaca	gcttcgatgc	480
ttttggaagc	atccaccatc	ttccagttca	aagtcgtgtc	tttcatgagc	tggtggaaac	540
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ccacgtctgg	ctgtttacac	caatctaggg	aaaaattctc	cttggcaccg	gtgaaggcca	720
caccagaaaa	tgcgatatctg	tccacgacga	gggtcacgcc	ctgggtcaac	ttttccttaa	780
ttaacggcac	ttgttcccag	cgatttgcag	aaaaaagcag	gtgcaccgag	tgatcctcca	840
cgtcactttt	cttttgcaag	taggaactca	gaagtttgcc	gatttcagtt	gatctttccg	900
ggaaccggag	cagttcggcg	cggtggcccc	cggcgcacag	cgcttccacc	agcttgccgc	960
tctgcgtgct	cttccccggc	cggtccacgc	cctccagcac	tatgagagcc	ccgcgcgggg	1020
ccgccatgac	tgtccaccgc	gccgtggcg	aatt			1054

<210> 7904

<211> 1442

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(1003)

<223> similar to gi5327061 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7904

ggatccgcgc	gcaatggcgg	cgctgggcgg	ggatgggctg	cgactgctgt	cggtgtcgcg	60
gccggagcgg	ccgcccagat	cggcggcgct	gggcggcctg	ggccccgggc	tgtgctgctg	120
ggtgtcagtg	ttctcctgcc	tcagcctcgc	ctgctcctac	gtgggcagcc	tctacgtctg	180
gaagagcgaa	ctgcccaggg	accatccccg	ggatcatcaag	cgacgcttca	ccagcgtcct	240
ggtggtgtcc	agtctctcac	ccctgtgcgt	gctgctctgg	agggaaactca	cagggcatcca	300
gccaggcaca	tccctgctca	ccctgatggg	cttcaggctg	gagggcattt	tcccagcggc	360
gctgctgccc	ctgttgctga	ccatgattct	tttctggggc	ccactgatgc	agctctctat	420

ggattgccct	tgtgacctg	cagatgggct	gaaggttgtc	ctggccccc	gctcctgggc	480
ccgctgcctc	acagacatgc	gttggctgcg	gaaccaagt	atcgccccgc	tgacagagga	540
gctgggtgttc	cgggcctgta	tgctgcccac	gttagcaccg	tgcatgggtc	tgggcccctgc	600
tgtgttcacc	tgcccgtctc	tttttggagt	tgcccatttt	caccatatta	ttgagcagct	660
gcgtttccgc	cagagcagcg	tggggaacat	cttcttgtct	gctgcgttcc	agttctccta	720
cacagctgtc	ttcgggtgct	acactgcttt	cctcttcac	cgcacaggac	acctgattgg	780
gccggttctc	tgccattcct	tctgcaatta	catgggtttc	ccagctgttt	gcgcggcctt	840
ggagcaccac	cagaggcggc	ccctgctggc	aggctatgcc	ctgggtgtgg	gactcttcc	900
gcttctgtc	cagccccca	cggaccccaa	gctctacggc	agccttcccc	tttgtgtgct	960
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tggctgggg	ccccgagatc	tcaggaattt	ttgtagggga	ttgaagccag	agctagtgtc	1140
gtcccaggga	ccaagagaaa	gaagcagata	tccaaaggg	gcagcccctt	ttgaaagggg	1200
tgtttacgag	cagctgtgag	tgaggggaca	aggggcaggt	cccaggagcc	acacactccc	1260
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tttttattta	taaaacctct	ccccaccccc	caccccccaa	cttcttgggt	tttctcattg	1380
tctttttgca	tcagtacttt	gtattgggat	attaaagaga	tttaacttgg	gtaaaaaaaa	1440
aa						1442

<210> 7905

<211> 2604

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2536)...(1009)

<223> similar to gi397607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7905

tttttttttt	ttcttatttt	ttaaactgtt	attacttcaa	gagggaaatta	tttttcaaag	60
atgataaaac	tcattttctat	tccagtataa	aagggtcaca	ggtttgcccc	cagggtccca	120
ggagcgcccc	gaaggcagg	ccccccaggc	ctcttcacct	cagcctgggg	cacctataa	180
tctgaggggac	cctgtgaagg	gggtgggggc	aagctcgggg	gcacagcctg	gcggccaact	240
tcggccagac	gagtggcccg	ctcacgtcca	taggatagat	gtcagttag	gctgggaggg	300
aaaaggcgcg	cagacaacca	cgatgcagt	ccctgttgaa	gacttccggg	gggatcaaag	360
tccgggcccc	gggttgggcg	gagaccctcg	gggcagctgc	acagggcatc	tttgttgctt	420
cactccattg	ttttttccga	ggcctgtgtt	aaaggcgctt	tgcttgccct	ggcaggtaga	480
ccaaggccaa	agctctgtgg	ccagggcctg	ggcactgagt	ccccactgaa	tttggcacag	540
gaaggcgcca	ctcccagcct	ggcccgtcct	gcatggggag	ccaccacacc	gggactgcag	600
tgtttcacct	tggaggggag	gaagcctggg	cccaacggct	gaacgggaca	ggccaggctc	660
acccgaggaa	ggggacgcag	gaccacacagc	ccctgtgtgc	aaggcctgtg	ggccaccgtg	720
gaaagaaggt	tccagaacag	tgcttgttga	cgagcctctc	cctacaagtc	ccttcagcag	780
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gcgtgtgtgc	aggtgtgcaa	caggcacatg	gcagctggga	ggctcaggct	gtggggctgg	900
ggggctgtcc	cgctgggaga	gtccgggaga	agtgggggtg	aggggctggg	gggccgggtc	960
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ctccttatcc	tttgagccct	ttttactact	actccaaaa	aaatagcatt	tctcttggct	1140



ccggatttgg	cagatgacag	ggaccagcag	caggacgcag	cccagcgcca	ggaggacgta	1200
ctgggcatag	tgcacacac	tgggcatcaa	caccagctga	gtgtagaatg	tgtgaagagt	1260
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cttcccagtt	tgtccaatgc	ctgcgacaga	tttcatgtag	aggctcagct	gcagtttcac	1380
agagcagttc	atggggattc	ccgtgaccgg	gtggatgtcc	aggaacaagg	agtgtgcctc	1440
ctggttaggg	tgcaggccag	tcaccgcttc	tgcagaacc	gggtcggcgt	tgaggaagtg	1500
aggatgggag	agaaacaagg	gggactgaa	cctgcagggtg	ctgacgttct	gaattccaga	1560
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gaagtcaacc	ttgctcagcc	cgttccactt	gtccacgagg	tggatcctgc	tgatgttctg	1860
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gtccttgtag	ccccacatga	tctcaccac	agtgcgggttc	atgaaggcac	gttcgccgag	2040
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cgcgcacccc	aagaccagga	tgttgggcat	gacgatgtag	tcgctctccg	agccgtggga	2160
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gagatagaag	gggataggga	tctccttcca	catgttgaag	gacaggctac	tggggtcgat	2400
gcgcacgttc	ttaaggacct	gctgcttgat	gagcgacggc	accatcacga	tcatgacagc	2460
gcccagcaca	gcgcacagta	gccccgcgac	gcccagcgcc	ccggcagccc	agcgcgcttt	2520
ggcggagcag	cccatgtctg	cgcgcctggg	gcccacccgc	ggctcgcagg	gctccgcgcc	2580
tggcaggaga	cggggacggc	gacg				2604

<210> 7906

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (195)...(667)

<223> similar to gi4455181 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7906

cggcggttga	gagcatggcc	tctccagggg	caggtagggc	gcctccggag	ttaccggagc	60
ggaactgcgg	gtaccgcgaa	gtcgagtact	gggatcagcg	ctaccaaggc	gcagccgatt	120
ctgcccccta	cgattgggtc	ggggacttct	cctccttccg	tgccctccta	gagccggagc	180
tgcgggccga	ggaccgtatc	cttgtgctag	gttgcgggaa	cagtgccttg	agctacgagc	240
tgttcctcgg	aggcttccct	aatgtgacca	gtgtggacta	ctcatcagtc	gtggtggctg	300
ccatgcaggc	tcgctatgcc	catgtgcgcg	agctgcgctg	ggagaccatg	gatgtgcgga	360
agctggactt	ccccagtgtc	tcttttgatg	tgggtgctga	gaagggcacg	ctggatgccc	420
tgctggctgg	ggaacgagat	ccctggaccg	tgtcctctga	aggtgtccac	actgtggacc	480
aggtgttgag	tgaggtgagc	cgcgtgcttg	tccttgaggg	ccggtttatc	tcaatgactt	540
ctgctgcccc	ccactttcgg	accagacact	atgccaaagc	ctattatggc	tggtccctga	600
ggcatgctac	ctatggcagc	ggtttccact	tccatctcta	cctcatgcac	aagggcgagg	660
agctcagtgt	ggcccagctg	gctctggggg	cccaaactct	ctcaccctcc	agacctccca	720

cctcaccttg	cttccttcag	gactcagatc	atgaggactt	ccttagtgcc	attcagctct	780
gaggccagag	catggtcctc	cacccttcct	gccattctgc	cctgggctcc	tcaggtagtt	840
ggaattcctg	acttaggact	tggggttggg	tccaagggtgc	ttacatccca	ggggcctcat	900
gcctaagata	gagggtggga	gcgaaccac	atgaaccaat	acagcccagc	tccaactaga	960
aaaaaaaaa						970

<210> 7907

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(375)

<223> similar to gi2587023 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7907	
cagtgggtg	60
ttacctgccc	
acagcataat	
gcgaggcaag	
gtccagccgt	
tccgcccggc	
atacaagctt	120
atggagcagc	
cccccttgaa	
gatctccagg	
tggacttcac	
agagatgtca	
aagtgtagag	180
gtgatcgagt	
gtggatcaag	
aactggaacg	
tagcctcttt	
gtgtccactg	
tggaaaggac	240
cccagactgt	
cgttctgagc	
cctcccaccg	
ctgtgaagggt	
agaaggaatc	
ccagcctgga	300
tccaccacag	
ccatgtaaaa	
cctgcagcgc	
gtgaaacctg	
ggaggcaaga	
ccaagcccag	360
acaacccttt	
cagagtgacc	
ctgaagaaga	
cgacaagccc	
tgctccagtc	
acaccgggaa	420
gctgactggg	
ccacgcacgg	
cgaagcctg	
aggaagctca	
tcatgagatt	
catttttctt	480
aaattttgga	
cttatacagt	
aagggttca	
actgatctta	
ctcaaactgg	
ggactgttcc	540
cagtgtactc	
atcaggtcac	
cgaagttagg	
acagcaaatt	
aaaacaatct	
ttctgttcta	600
tagttattat	
gaatgtatgg	
aaacaataaa	
agaaacttgt	
ttgtataatg	
ccactcagta	660
caaggatatg	
agcccagaaa	
atgaccgacc	
tgatgtgtgt	
tataacccat	
ctgagccccc	720
tgcaccaccg	
tttttgaaat	
aagaataaga	
actggccttt	
tcctaggtga	
tacaagtaaa	746
ataataacta	
gaacag	

<210> 7908

<211> 2399

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (312)...(1541)

<223> similar to gi5911945 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7908
ggcggaattc cgggcttgct cgaggcgcaa gcgcgctggc ccggcacggc ggtgggtcttg      60
cgggaggcgt gggctgggat tgcggtgcct gtgcttcccg gtgccagggt gtcattggaag    120
ggctgctgac aagatgcaga gcattgcccg ccctggccac ctgcagccgc cagctctctg    180
ggtatgttcc ttgcaggttt caccactgtg ccccaagaag agggcgggcg ctgctgctgt    240
ctcgtgtgtt ccagccacag aaccttcggg aagaccgggt gctctccctg caggacaaat    300
ctgatgacct gacctgtaag agccagcggc tgatgctgca ggtgggcctg atctaccag    360
caagccccgg ctgttaccac ctctgccat ataccgtccg tgccatggag aagctcgtgc    420
gagtgataga ccaggagatg caggccatcg ggggccagaa agtcaacatg cccagcctca    480
gcccggcaga gctctggcaa gccaccaacc ggtgggactt gatgggcaaa gagctgctaa    540
gacttagaga caggcatggc aaggaatact gcttaggacc aactcacgag gaagccatta    600
cggccttaat tgcctcccag aagaaactgt cctacaagca gcttcccttc ctgctgtacc    660
aagtgacaag gaagtttcgg gatgagccca ggccccgctt tggctctctc cgtggccgag    720
agttttacat gaaggatatg tacacctttg actcctcccc agaggctgcc cagcagacct    780
acagcctggt gtgtgatgcc tactgcagcc tgttcaacaa gctagggctg ccatttgtca    840
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tggaatttgg agaggaccgg cttgccatct gtccccgctg cagcttctca gccaacatgg    960
agacactaga cttgtcacia atgaactgcc ctgcttgcca gggcccattg actaaaacca   1020
aaggcattga ggtggggcac acattttacc tgggtaccaaa gtactcatcc attttcaatg   1080
cccagtttac caatgtctgt ggcaaaccaa ccctggctga aatgggggtgc tatggcttgg   1140
gtgtgacacg gatcttggct gctgccattg aagtcctctc tacagaagac tgtgtccgct   1200
ggcccagcct actggcccc taccagcctt gcctcatccc ccctaagaag ggcagtaagg   1260
agcaggcggc ctccgagctc atagggcagc catcacagag gcagtgcctc   1320
agcttcacgg ggaggtgctc ctggacgaca ggacctatct gaccatcgga aacagactga   1380
aagatgccaa caagtttggc tacccttttg tgataatcgc tggcaagagg gccctggagg   1440
accctgcaca ttttgagggt tgggtgtcaga aactgggtga ggtggccttc ctaccaaag   1500
atggagtcat ggatttactg accccagtgc agactgtcta aatgccccca gccaccctc   1560
gccccattt gcagccttgg tgttcgttct aacactgcat tttcctacac cctttctctg   1620
gactgctctc tccagaaaca gcacagctca tggagggtga gatcatgtta gggaaatcaa   1680
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tccagactgg ccattgccgc atataccttt ccttttgtat tccatttgtg aagcttctag   1800
gaggctgaga agcaggagat ccaagctcca gtccctgggtg ttaccctgag gggggaagtc   1860
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cccaccaacc ttccccaccc cgtatcagtt tgaccacggg ccttttgcta cattctatcc   1980
agagagcagg cctgccagcc cctctccccc tgagaaagtt gggcctgaag aagtatgggg   2040
aaaaaagaat caaagagacc ctgactgccc gcccacactc acctagtgc cttagatata   2100
tcccccttc ccctgctggg gccgtcagtt tccccccatc tgtaacttga gaaaatagaa   2160
ctagatctgt aaagtctgga actagatctg taacgtcctt ataggtgtca ctagggggtt   2220
cccatgagag gtgtgtgaca ggcagtctga ttccctctcat tctccatagt ctgtttcctg   2280
gaaagtcat gtaattaact gatggcccaa aaactacctc aagagacctg gccctgttaa   2340
gacggcttaa ccagtgatat cccgttctat tgatttaata aagtcgaaac tattggaaa   2399

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<210> 7909

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1367)...(513)

<223> similar to gi5701965 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7909
tttttttttt ttaataacaa aagtcagttt attaaatgct caattctcaa aattatatgt      60
atatattttt aattatttaa aaaaacttcc atgcccttcc attccccctcc ctccaaacta      120
ggtattgtcc aagttgtatc aaatgccaca aagtctacca tgcacccaga agcagagaag      180
acaggaggtc cagaggacaa ggtatgctgg ggtcactact cgcactgcag agtccacgcg      240
agttaactca tgctgggggc aaagaatgga aagagctaata acacagacaa agcaaaagaa      300
cgaaatgcgc agcctgacca gagacgttta caatttatac caacttacia atatttaggg      360
tgccccccaa ctccgagaga acagacacaa ctaaccacat gaaggaagac ctctgccggg      420
gcctcctctc cctacaacct cctctcaaga atcattagga agcccaaaca gcttcacagt      480
tccggcttcc cggctgctgt catatttgcc gtctttgtca tcacaggcaa atgccagcag      540
aggccttttg gggtgccacg ccactgtgaa ggtcggagac tcacactgta cctcccatag      600
tttgtccctt gtctccactt cagcaatgtc aataaaatga tcttccgatg ctgacgccag      660
cattttccca tcatggctga aactgagggg tcttacaggc caatccagcc tggaaaagca      720
ccgaacacac actaactcat ccacatccca gaggtgacc aaagcatctg cacttccctgt      780
ggcaaagtac ttccccatgg ggtcaaactt gatacagatg cagttggaag gatgggcgtt      840
gatggactgc acaggcttca gttctgggta gctgaggatg ttgatacaac cattgccatt      900
tgtcaggaag aacatattat tgtcattgtt ccaggagatt tcgttgacct cgaacttgaa      960
ctgctcttct gctttggaac ggtgtgtctt ggcacataa aaggtcacca catcatcctt     1020
gttgcttaca gcaatggtct gcccatcagg actccagcag atattaatgt tctccccctt     1080
agtgttcaca gtggcaatgc atttttagt cctcacatcc cagatgcgaa tggttttatc     1140
tccggacgcc gtaacaaata ggtcaggatt acttgatgc caacaaagct ggtccacact     1200
atccccatgt ccccgataat tgttttcttt gaccaaccgg tccttctcca gcaagaagac     1260
gctggccgtc ttgtcgaaag accccgaggc taggcgacgc ccgtcgcaac tccaggccac     1320
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ctcctgcac ccaagcacgt agcgcgacgg gccgctgctc actgagcacc acggggccat     1440
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gccgagctcc ccagcttcca actcacaaca ctgcagcagc ctccacggcg cagtcagtcc     1560
tggcgcgct gccgcacgca tgcgcccgga agagcgacgg cccctctgcg caggcgcgct     1620
gtaccccgcc ccggaaggga ctacaaatcc cggatgacg cgcgtgcccg cgtctgctta     1680
cttagtaata tttggttctt ttaactccaa atatgcttca cacttaacga ttccgagttt     1740
ttttagtgtt cttatttctc ccttacctat tctttggtag acatatgtgt attcctgttt     1800
aatcgaataa aagaaccaac actaaccttc taaaaa                                1835

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<210> 7910

<211> 2082

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1947)...(453)

<223> similar to gi5824689 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7910

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ctcccccccc cgggtattaa attggggaac ccccgggggt ttcccccccc cccgtgttta      60
aaacccggcc ccggaattta attttggggc ccccaaaaaa aaaaaataac tttccccccc     120

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ccgggactaa	aaatttgttc	ccttaaaagg	gccccccct	ttttttttt	tgagtttttt	180
cctcttttat	taagtccgct	atactaacta	gaaggagaat	ctgtgggttt	cgcttgatag	240
accacagggc	caatcaccac	agcttcttgt	agagaacatg	gagagtgcc	agatcaccat	300
caggtgccgc	ttccttcctg	tggttttcca	tcttccagtc	agcctggctc	tttgccctga	360
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ggcaagaaca	cggaggggtg	cacagagagg	ttcccatcag	gttcacaggg	cgcccgctgt	480
acctcttgg	gatgtcagct	tcaatcagct	tctgcagctc	cttgggtctt	tccagtagca	540
ggtccagctt	aggctccaga	gccgcctgct	cctcaagtgc	ctcctgctgc	ttctgcacca	600
tcagctcttt	cttcaaagcc	agcagctggg	actgcttcag	cttttgctgg	aggaattcag	660
tactcgggtc	cacatacctt	ggtgaggcca	ggatcataaa	caggtgttgc	agctgaagac	720
tggtaaagct	gccaatcaga	tcctccagca	ctgacaccat	ggtaaccatc	ttctctttgg	780
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cctcactcaa	ctccactgct	ctctgggcta	agaagatctc	aagctccatg	agctcatcaa	900
ggaactgatt	ccgggtctca	gtgtattcaa	gcagtgtcag	ggcatctggg	cccctggcaa	960
caccttctgg	agcctgggtt	cctgcttcca	gcactgtgat	ctgcaaagca	acagcatcgt	1020
ctccccagtc	tatcccatca	cctccaggat	cctttgaatc	tgattccggg	aagatgcccc	1080
agtcgattcc	agcagcctcg	gcagagatgc	cagagtcagt	cccctcagac	actgcctcta	1140
ccccaaagtc	gccccagtc	atcgcatctt	ctgccacctg	ctcaggaagc	tcctcgaggt	1200
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cccgttcttg	cacgaaccgc	agcattggca	acacctgctc	tgtggggctc	tcacacacaa	1320
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cccctgcctg	gcactcctcc	tccttgcggc	tgtattcttg	ctgcagctgc	tggcacttgg	1560
caatctgctt	cttcagttag	gggatctcat	agttgacatt	ccgaaccagg	aggctagaga	1620
gttccactaa	gtagggtgtg	tccttctcat	acagagctat	aatctcctgc	caatccttca	1680
tccgctgtga	agagtatcgg	ccaaaaatat	tcttcgtgga	ggcctctgtg	cctttgagaa	1740
ggtccaggat	tcttaggcag	tgaaagtagt	gaatgtagga	cccagacagc	agctgggcga	1800
tctcttcgct	ctctggcatg	tcctggatgg	cagcattgat	cttctcgcgg	atcgtcagca	1860
ccagactctg	ccatttcagg	ctgcagtgcc	ttctgtccac	cagccaatcg	agcagcttgc	1920
tggtctggat	gtcgatgggc	acgtgctgat	ggtcctccat	ctttcctcca	cttccgcttc	1980
aggctggaga	ctgtggcccc	ccccgcccta	ccaccaatcc	agtggcggtg	tggccgagcc	2040
tccgtttaga	cacaaacggg	catccttcgg	ccacctcgtg	cc		2082

<210> 7911

<211> 3551

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3168)...(3442)

<223> similar to gi4884194 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7911

gagcactgct	tctcagtc	cacactgtct	tgtctgcatc	tgaaattgtc	actacatgca	60
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tccttgccgt	ttaaaaatgt	gtagagaagc	taatcattga	gagaaagtga	atgaaagcag	180
ttttttcaac	tgctctgatg	gaaaccacga	ttcatgagac	cctcttttgt	ccttgaaaaat	240

agcattgtca	tcactgcccc	gttttttggga	gaatattatt	ttattatcaa	atgtacagta	300
tattgacctt	aaaaatacac	taaagcagtc	atggaaataa	caggctcgtgt	attattcatg	360
ggcacaaact	gactcatggc	tggggaagaa	gcagccacct	tagaccagat	ggacaagcca	420
gatactgcag	agaagtttct	gggcttttct	gggaagactc	tagattcaat	tctgtaaagt	480
tatgatgcag	ttttctcctt	cctctcctct	cacctcctct	gagcacagct	ttcaacaaaa	540
actttgcata	caaggaaatc	taatategca	gccttcccca	ctggagggtt	cctggagaag	600
gtaatataac	agtggtgact	gaatttgaag	gaggttggag	agaaattttt	taaaattata	660
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gacttgtcaa	tctggaacaa	agtctatcat	gtaaaaactg	cagcagggtta	actagggtgat	1020
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aagtgtctca	gcaaggctga	gccctccttc	tcgtgtctgc	attgcttcct	tttcccaaca	1260
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aaagcccata	acaccctcgg	ggtggggatg	ccttcagctt	tgagtcfaat	cagtttccga	2520
ctgcccccg	ctgctatctc	cgcacagtg	gtgatgggtg	tgggggttacc	gttgatcttg	2580
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tcttggtata	tctgatactt	ctcagaggag	gtggggatca	ccttgttggt	tggggacaac	2760
caagtcacct	tgggcatggg	ttctcctttg	gcctcacagg	ctacagtgc	cacgtctcca	2820
tagggcacct	gaaccgccaa	gcaagtcttg	ttccggatgg	tggcgggcgc	tgtcaccacc	2880
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ccttctctcc	tcacccccac	ttcgttaaag	tagagtgtcc	cattgttgaa	gacgacatag	3000
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tcacccccgt	agaagacttt	gtggctcgtt	tcctccttgt	gttcaatctt	ggccgggttc	3180
atcaccacat	ccactttgag	caccacgtag	tcacaccaa	ccttatttctg	agctacgcac	3240
aggtaatctc	cggcatcttt	gtccgtcact	gatttcacca	ccagggtccc	attggcaaac	3300
accttgattc	tgctatcaaa	actaagagcg	cgctgatcat	cctcttggac	ggcagcctcc	3360
agaggatgcg	cggccagggg	tccccgaggc	gctgcagtc	agcttgaggg	ttcctaagca	3420
atcattctgg	aatccacatt	tcagaagacg	tggatgtaag	ttgttttggg	gtcactgccg	3480
agaatgtttt	ttgccatgca	cttgtagaag	cggcgccttc	tctgtgtggc	ctcgtgccga	3540
atgcctgcag	g					3551

<210> 7912  
 <211> 1451  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1452)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (300)...(1112)  
 <223> similar to gi4566746 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7912
gattctcctg cctcagcctc ctgagtagct gggactacag gtgcgcacca ccgtgcggat      60
ttttgtattt ttagtagaga gggagttttg ccacattggc caggctgggc ttgaactcct      120
gacctcaggt aatccaccca cctcagcctc ccaaagcact gggattacag gcgtgagcta      180
ttgtgcccag ctgggatctt gacaaaaaca ctatttctct cctttcacct gtgctgtgta      240
tttttccctc gcctagtctc cagacctcac tgctatatgt cttctccctg gcaggcagga      300
tgacgcaaaa cacggtgatt gtgaatggag ttgctatggc ctctaggcca tcccagccca      360
cccacgtcaa cgtccacatc caccaggagt cagctttgac acaactgctg aaagctggag      420
gttctctgaa gaagtttctt tttcaccctg gggacactgt gccttccaca gccaggattg      480
gttatgagca gctggctcta ggggtgactc agatattgct ggggggttgag agttgtgttc      540
ttggagtgtg tctcagcttg gggccctgga ctgtgctgag tgcctcaggc tgtgccttct      600
ggggcggggc tgtggtgatc gcagcaggag ctggggccat tgtccatgag aagcaccggg      660
gcaaacttgc tggctatata tccagcctgc tcaccctggc aggctttgct acagctatgg      720
ctgctgttgt cctctgcgtg aatagcttca tctggcaaac tgaacccttt ttatacatcg      780
acactgtgtg tgatcgctca gaccctgtct tccctaccac tgggtacaga tggatgcggc      840
gaagtcaaga gaaccaatgg cagaaggagg agtgtagagc ttacatgcag atgctgagga      900
agttgttcac agcaatccgt gccctgttcc tggctgtctg tgtcttgaag gtcattgtgt      960
ccttggtttc cttgggagta ggtcttcgaa acttgtgtgg ccagagctcc cagccctga      1020
atgaggaagg atcagagaag aggctactgg gggagaattc agtgccccct tcgccctcta      1080
gggagcagac ctccactgcc attgtcctgt gagctgccaa agacccacg ggggtgccgc      1140
atgtccctgt ctagggcagc ccaggggccc cactcctggc tcctcacact tgcctcccct      1200
atggccgctc tccagaccct cctcctttct tctccccaca tccgcacctg ctgttcccac      1260
tctgggggtc tcaagtccat gaacagatat tgttgcattt tccacaatgc tgattaaaca      1320
taataaaca tccagaaaag cagttttgcc cagaaagata tggttttcct tttgtttatt      1380
acaccttgtg gcggccatgg aaagggtttt tntttgtgtt cggtatgtat ggaggttaaa      1440
nggggagctg a                                     1451

```

<210> 7913  
 <211> 1309  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (216)...(1249)

<223> similar to gi2274982 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7913

gcggccgccc	gcgagcgggg	cgggtgccacg	tacggctccg	gaagaagcga	cggaatctgc	60
tagggcacia	gagagacggg	cgctcgcgct	ctcgacgtcc	tcttccgtca	gtgtcttttg	120
cttcgactcc	cggcggagcg	cgcaacgtgg	agtgcagtgc	aggggccaaag	tgcaaccacg	180
gcagccacgg	ctgtttcgga	gctcaggact	ctaaaatggc	agagcagctt	tctccaggaa	240
aggcggtgga	tcaggtgtgc	accttccttt	tcaaaaagcc	tgggcggaaa	ggggctgctg	300
gacgcagaaa	gcgcccggcc	tgcgacccag	agcccggaga	aagcggcagc	agtagcgacg	360
aaggctgcac	tgtggttcga	ccggaanaag	agcgggtgac	ccacaatcca	atgatacaga	420
agaccctga	cagtggtaaa	cagaaggcgg	cttacggcga	cttgagcagc	gaagagggaag	480
aggaaaatga	gcccagagag	ctcggcggtg	tttataaatc	cacccgttcg	gcgaaacccg	540
tgggaccaga	ggatatggga	gcgacagctg	tctatgagct	ggacacagag	aaagagcgcg	600
atgcacaagc	catctttgag	cgacagccaga	agatccagga	ggagctgagg	ggcaaggagg	660
atgacaagat	ctatcgggga	atcaacaatt	atcagaaata	catgaagccc	aaggatacgt	720
ctatgggcaa	tgctctctcc	gggatgggtga	ggaagggccc	catccgagcg	cccagagcatc	780
tacgtgccac	cgtgcgctgg	gattaccagc	ccgacatctg	taaggactac	aaagagactg	840
gcttctgcgg	cttcggagac	agctgcaaatt	tcctccatga	ccgttcagat	tacaagcatg	900
ggtggcagat	cgaacgtgag	cttgatgagg	gtcgctatgg	tgtctatgag	gatgaaaact	960
atgaagtggg	aagcgatgat	gaggaaatac	cattcaagtg	tttcatctgt	cgccagagct	1020
tccaaaaccc	agttgtcacc	aagtgcaggc	attatctctg	cgagagctgt	gcactgcagc	1080
atttccgcac	caccccgcg	tgctatgtct	gtgaccagca	gaccaatggc	gtcttcaatc	1140
cagcgaaaga	attgattgct	aaactagaga	agcatcgagc	tacaggagag	ggtggtgctt	1200
ccgacttgcc	agaagacccc	gatgaggatg	caattcccat	tacttaggtt	tcccataatt	1260
cttaaattta	aaaaataaac	gttttggtct	tttggaaagta	aaaaaaaaa		1309

<210> 7914

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(1096)

<223> similar to gi4929585 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7914

gactgagatc	ctggagataa	gtcccggcgc	ttgcgcggcg	gcggctatgg	cggcggagga	60
ggaggagggtg	gactctgccc	acaccggaga	gaggtcagga	tggtactatg	gttggtcccc	120
cacatggtgc	cctacgtcta	tatcacacct	taaagaagct	gaagagaaga	tgttaaaatg	180



tgtgccttgc	acatacaaaa	aagaacctgt	tcgtatatct	aatggaaata	aaatatggac	240
actgaagttc	tctcataata	tttcaaataa	gactccactt	gtccttctcc	atgggttttg	300
aggaggtctt	gggctctggg	cactgaattt	tggagatctt	tgaccaaca	gacctgtcta	360
tgcttttgac	ctattgggtt	ttggacgaag	tagtagaccc	aggtttgaca	gtgatgcaga	420
agaagtggag	aatcagtttg	tggaatccat	tgaagagtgg	agatgtgccc	taggattgga	480
caaaatgata	ttgcttgggc	acaacctagg	tggattcttg	gctgctgctt	actcgctgaa	540
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gcagcgttta	aggcctgatt	tcaaacgaaa	gtattcttca	atgttcgaag	acgatactgt	780
gacagaatac	atctaccact	gtaatgtgca	gactccaagt	ggtgagacag	ctttcaagaa	840
tatgactatt	ccttatggat	gggcaaaaag	gccaatgctc	cagcgaattg	gtaaaatgca	900
ccctgacatt	ccagtttcag	tgatcttttg	cgccccgatcc	tgcatagatg	gcaattctgg	960
caccagcatc	cagtccttac	gaccacattc	atatgtgaag	acaatagcta	ttcttggggc	1020
aggacattat	gtatatgcag	atcaaccaga	agaattcaac	cagaaagtaa	aggagatctg	1080
cgacactgtg	gactgaacac	actgaagctc	tgatgggaaa	acctggtgac	tgatatagtt	1140
gttcagcaat	aattcatagt	ctgtgatgaa	gagtagtgaa	tacaacacac	aaccaggcag	1200
ccttcttgac	tatactttgc	acatgttttc	tttaggaatt	cactcacaca	tttaaaccag	1260
ttagtgcctt	ctagaagaat	ggctttccct	tctcctacac	aaaattgaaa	tatacaagtc	1320
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aatttttcag	ctgaaaattt	tttaatctaa	ctttgctagt	tattttttata	ttgcaatcta	1440
tattaccaat	ttaggaagtg	atttctgagt	ctcttacact	gtaaagggtgc	actttatttt	1500
ccttgctctc	cccatcatgt	atttattgtg	tcttgataac	tgatattaat	ctaaattcaa	1560
tgtgttttta	tgtaaaaatt	tgtcagttgt	ttagaatatt	tcactttggt	tttgaaacgg	1620
agtgacaagg	cagatTTTTG	gttagaggac	gggagttgat	cactatcatt	actttttcta	1680
gtttacctgt	tttttatatt	taaggctgct	aagccatggt	cagcatttta	aatgtgggtc	1740
atcctgacat	acagtgtata	acaacataac	tccttggaac	ctcctatgtg	tggtataatt	1800
ctactcttcc	aaggaacatg	acttcaatac	tttcagtgat	tcagggtactg	aaaagcctta	1860
ccctaaaagg	gctgttcttt	gtttccccct	ttccatacta	ttcttttccc	atgaccagg	1920
atgcagcaaa	tgaaacagat	ttcttctctt	aaggggatat	taagactggt	acttcctagt	1980
aaggccaagt	aataccatat	ttttattaac	atcctaactt	ttgtaggagg	ggtgctaaaa	2040
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caccagaaat	gaggctaggc	acttgggggt	tgttggttgg	tggtgtttat	taaggagtat	2160
tgtgttaatt	aaatcattac	atacttgaag	ttatattcca	acaattctaa	gaagtgggat	2220
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gaaaacttct	ttgaaactgt	gaaatgctcc	atgtggtaac	tggctgctga	gaaaaccctt	2340
caccaaaaaa	ataaataaaa	attgaatagg	attgtcatca	agaaggcatc	tttcgctaac	2400
gttgcttgtc	taggagaaaag	gtagctatgt	aaataaaaaa	agtgaactag		2450

<210> 7915

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (64)...(1309)

<223> similar to gi425146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7915
ggatgatgcag tgctgaagac ctggggccct gctcagtgcc tttgctctag aatgggtcca 60
gcttggtttt ggctactggg aacagggatc ctggcctctg tccactgtca gccccttctt 120
gcccattggag ataaaagtct gcaggggctt caacccccca ggcatcagct ctccagagcca 180
gccccgcctt accacagaat cacacccacc attaccaatt ttgctttgctg tttgtataaaa 240
gagctggcag cagacgcccc cggaaacatc ttcttctcgc cagtgcagcat ctccaccacc 300
ctggccctgc tctctcttgg ggcccaagct aacacctcag ctctgatcct ggagggcctg 360
ggattcaacc tcacagaaac ccctgaagcc gacatccacc agggcttccg gagcctcctc 420
cacacccttg ccctgcccag ccccaaactc gaactaaaag taggaaactc cctgttccta 480
gacaagcgac taaagcctcg gcagcactat ttggacagca tcaaggagct ttacggagct 540
tttgcctttt ctgccactt cacagattct gttacaactg ggaggcagat taatgactat 600
ttgagaaggc aaacatacgg gcaagtcgtg gactgcctcc cggagtccag ccaggacacg 660
ttcatgggtt ttgccaatta catcttcttc aaagccaagt ggaagcacc tttcagtcgc 720
taccagaccc agaagcagga aagtttcttt gtggatgaga ggacttctct ccagggtccc 780
atgatgcacc aaaaggaaat gcacagattc ctctatgacc aggatttggc ttgcaccgtc 840
ctccagatag aatacagagg aatgccttg gcgctgctgg tctcctctga cccggggaaa 900
atgaagcagg tggaggctgc tctgcagcca cagaccctga gaaaatgggg ccaattgctc 960
ctgcccagtc tgttggattt gcacttgcca aggttttcaa tttctggaac atataacctg 1020
gaagacatac ttccccaat tggctcacc aacatactca acttagaagc tgacttctca 1080
ggagtcaact ggagctcaa caaaaccatc tccaaggtgt cacacaaggc gatgggtggac 1140
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ctgaacacca tgtcagaccc acatgcccac ttcaacaggc ctttctctt gctcctttgg 1260
gaggtcacca cccagagctt actcttctct ggaaaagtgt tcaaccagc tgcagggtaa 1320
ccatgggtgg aggccaggag ttatcttctc tcatcctgga ccaaacagat aggccagaac 1380
cagcctgcat cctggggctg ctatgtggtt cagttaatca gtgtgccaa attctaataa 1440
agttgacctt gggttctgtg aaaaaaaaaa 1470

```

<210> 7916

<211> 1408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (118)...(1091)

<223> similar to gi5689750 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7916
tgaacatatt tacatttgat ttaacagtga accttaattc tttctggctt cacagtga 60
caagtttatg caatcgatca aatattttca tccctgaggt taacaattac catcaaaatg 120
ttttgtggag actatgtgca aggaaccatc ttcccagctc ccaatttcaa tcccataatg 180
gatgcccata tgctaggagg agcactccaa ggatttgact gtgacaaaga catgctgac 240
aacattctga ctccagcgtg caatgcacaa aggatgatga ttgcagaggc ataccagagc 300
atgtatggcc gggacctgat tggggatatg agggagcagc tttcggatca cttcaaagat 360
gtgatggctg gcctcatgta cccaccacca ctgtatgatg ctcatgagct ctggcatgcc 420
atgaaggagg taggcactga tgagaattgc ctcatgaaa tactagcttc aagaacaaat 480
ggagaaattt tccagatgcg agaagcctac tgcttgcaat acagcaataa cctccaagag 540
gacatttatt cagagacctc aggacacttc agagatactc tcatgaactt ggtccagggg 600
accagagagg aaggatatac agaccctgcg atggctgctc aggatgcaat ggtcctatgg 660

```

gaagcctgtc	agcagaagac	gggggagcac	aaaaccatgc	tgcaaatagat	cctgtgcaac	720
aagagctacc	agcagctgcg	gctgggttttc	caggaatttc	aaaatatttc	tgggcaagat	780
atggtagatg	ccattaatga	atgttatgat	ggatactttc	aggagctgct	ggttgcaatt	840
gttctctgtg	ttcgagacaa	accagcctat	tttgcttata	gattatatag	tgcaattcat	900
gactttgggt	tccataataa	aactgtaatc	aggattctca	ttgccagaag	tgaaatagac	960
ctgctgacca	taaggaaacg	atacaaagag	cgatatggaa	aatccctatt	tcatgatatc	1020
agaaattttg	cttcagggca	ttataagaaa	gcactgcttg	ccatctgtgc	tggatgatgct	1080
gaggactact	aaaatgaaga	ggacttggag	tactgtgcac	tcctctttct	agacacttcc	1140
aaatagagat	tttctcacia	atttgtactg	ttcatggcac	tattaacaaa	actatacaat	1200
catattttct	cttctatctt	tgaaattatt	ctaagccaaa	gaaaactatg	aatgaaagta	1260
tatgatactg	aatttgcccta	ctatcctgaa	tttgccact	atctaatacag	caattaaata	1320
aattgtgcat	gatggaataa	taggaaaaat	tggcattggg	aataggattt	tatttttaaat	1380
gtggaacat	ccaacaacct	accaacca				1408

<210> 7917

<211> 7272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(948)

<223> similar to gil665823 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7917

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gctg	ctggg	agctt	taag	tg	gcaact	tca	gcac	ccccc	7200
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<210> 7918

<211> 1918

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (140)...(615)

<223> similar to gi2935348 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 7919

<211> 2248

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (149)...(858)

<223> similar to gi4633509 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7919

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<210> 7920

<211> 1907

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(672)

<223> similar to gi4929765 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7920

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cgcagcagaa	agcattttaac	cagcatggct	acttcatatt	ttggaaagca	gtttttaaga	720
caaaacactg	gagatgatca	gacttcctga	atagagaaaag	cttatgtgct	ttgttacatt	780
ggggaacaac	tgaagagatt	cttgactcaa	ccttttagag	cttagtccat	gttgcaacga	840
ggagtgttgg	ctttgttttt	ccacttaaaa	actttattta	taaaaaggaa	aagtagtttt	900
catattaagt	ttttatttcc	tttcagcag	ttggggctag	aaagtatgtg	ttggcactag	960
aaacattgtc	aagatttggt	ctgtggtgta	ggtatgcaca	ttccataggt	atgcacacgg	1020
ccatgtaata	tcagtatatc	ccaagttaat	gaaagtgttc	atttacatag	gtaatggaga	1080
cctttgcatt	ttgatccata	gaacatagga	ggatgttctt	agtctgtctc	aaagctctat	1140
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aatgcctaaa	agacatttta	ttttctgaat	ctattttttt	cttgctataa	tggggatatt	1620
gtaaattatg	catttgattt	aatggatttt	cttaaagcaa	tctatgtaac	tgtaaattaa	1680
accaatctac	aaactattgt	aggcatctgt	aaattctgtt	gtaggтата	taaactttgt	1740
tgaagtctta	atcagcagat	tatgttggtg	atatatttgt	acattgttaa	aatagttttt	1800
aagattattt	gttttaattg	aataagtgct	ttattggagt	gatagctttg	aagggtgcaaa	1860
actttatatt	tgtataaaat	tctactattt	ccaaggcaaa	aaaaaaa		1907

<210> 7921

<211> 1990

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1221)...(632)

<223> similar to gi6012973 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7921

tttttttttt	ttgagcccac	tctgctttat	ttacaacacg	caggctgtct	gtacaaacag	60
cggccgatat	tattaaaaac	aaaagagggtg	agtgagaatc	gtcacctttc	tgcttttctt	120
cctcacttgg	ccaggctcta	gtactccacc	tttgagctgc	catgcccaat	aggggaagtc	180
caaaattaaa	aatacaaccg	gtgtagaaga	aaataaatgg	ggagtgaat	agaagaaaag	240
atgagggagg	ggagtgctaa	tatttacact	agagttttat	agacaactgt	cccattccat	300



cccaattcca	atcctgaccc	agaaagtgat	ggtggcaggt	ccaagagaca	gagattatgt	360
gtcgggacac	agacagcctc	ccatccccaa	ccgtaatgga	ttcaatttca	agtccacaga	420
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gaattcctgc	cttgaagtgc	agacagtatc	caagctccag	gggataggct	gaggacctg	540
aggctcagtt	cccaaatcat	gttgtcattt	ggaagttcca	ggctaaagtt	ggtgccatca	600
gggctctcca	gatttgggag	gccccctaa	ccgccggggc	tctggcctca	gttccttgca	660
tttctggcaa	taaaagaagt	cggggacgtt	ggtcttctta	atcttagcac	aggagagggt	720
gatccacgtc	ccacacaggc	tgcactcaat	catggggcgc	cctgcaaagg	gctttcgaca	780
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cacctccttg	ctttcactgt	cagcaggagg	gactccttca	gggtgcactg	tggcaggggg	960
cctaggagcc	tcaggggggtg	ttggcagcac	agggactggg	gcttcacccc	ctaccactgt	1020
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ccgaggcctc	cgaagcacc	caaagccagc	cccagctcct	ggccccaact	ttcggttctt	1260
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agcagcagg	ggccgggagg	tatgtgtcag	ggatgtgggg	gacaaaggag	atgccacttt	1380
gggcccattc	agatcaaaga	gagagtcctt	gagcttcac	ttctcaagca	aggtagcact	1440
gtcggggggc	tgcagacgag	agaaagtgga	ccttgggggt	cctggctggg	tgggacctgc	1500
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atctgagggg	gccgagtccc	agccatcact	gtcggccgca	ctctctcttc	gcaatggaga	1620
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ttccagcatc	gccccctccc	ctctctccgg	tccggcgccc	ccctccccgg	agccggggat	1860
cccgggtgct	cctctagtgc	tcgatgctcc	cactgcttcg	ctccacagaa	gtgtccgcct	1920
cagcccggtt	gagactcgag	tccgctagcc	gctgcccga	cctccctcta	ccactgcctc	1980
ccgcacgaaa						1990

<210> 7922

<211> 2740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (288)...(2401)

<223> similar to gi3820614 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7922

tttcatgccg	cggcggggcga	gggtgtagtg	gggtcttgct	gggccgggtt	tggaggcctg	60
gagtcaaggg	gcgagctcgc	cagggagggc	gagggtcaca	gcaagtctca	ggatcctcct	120
ctgccagttt	ctgggtgggtc	cttctctctc	cagggactca	ctgattccgg	ctggcgccct	180
tcgtctgtag	ccgcgtcccc	tcagacgggt	tcagtccggg	gtcttctgac	ttggaagctc	240
gtgctgattt	cctaagtacg	ccccctctgt	cctcttggca	agaaataatg	gcggcagcta	300
cgggggatcc	tggactctct	aaactgcagt	ttgccctttt	tagtagtgcc	ttggatgttg	360
ggttttggca	tgagttgacc	cagaagaagc	tgaacgagta	tcggctggat	gaagctccca	420
aggacattaa	gggttattac	tacaatgggt	actctgctgg	gctgccagct	cgcttaacat	480

tggagttcag	tgcttttgac	atgagtgtct	ccaccccgag	ccgttgctgc	ccagctattg	540
gaacactgta	taacaccaac	acactcgagt	ctttcaagac	tcagataaag	aagctccttt	600
tggaacaagc	agcaaatgag	atatgggaat	ccataaaatc	aggcactgct	cttgaaaacc	660
ctgtactcct	caacaagtct	ctcctcttga	catttgcaga	tctaaagaag	taccacttct	720
actattgggt	ttgctatcct	gccctctgtc	ttccagagag	tttacctctc	attcaggggc	780
cagtgggttt	ggatcaaagg	ttttacttaa	aacagattga	agcactagag	tgtgcatatg	840
ataatctttg	tcaaacagaa	ggagtcacag	ctcttcctta	cttcttaatc	aagtatgatg	900
agaacatggt	gctggtttcc	ttgcttaaac	actacagtga	tttcttccaa	ggtcaaagga	960
cgaagataac	aattgggtgta	tatgatccct	gtaacttagc	ccagtaccct	ggatggcctt	1020
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ttgtttgctt	ccgtgaccgt	accatgcagg	gggcgagaga	cgttgcccac	agcatcatct	1140
tcgaagtga	gcttccagaa	atggcattta	gccagattg	tcctaaagca	gttggtatgg	1200
aaaagaacca	gaaaggaggc	atgggaccaa	ggatggtgaa	cctcagtga	tgtatggacc	1260
ctaaaagggt	agctgagtca	tcagtggatc	taaatctcaa	actgatgtgt	tggagattgg	1320
ttcctacttt	agacttggac	aaggttgtgt	ctgtcaaatt	tctgctgctt	ggagccggca	1380
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tcgaaagcca	tgatgtcgtc	ttcctattga	tggacaccag	ggagagccgg	tggcttctct	1740
ccgtcattgc	tgcaagcaag	agaaagctgg	tcacaatgct	tgctttggga	tttgacacat	1800
ttgttgtcat	gagacatggg	ctgaagaaac	caaagcagca	aggagctggg	gacttgtgtc	1860
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accggacctt	ggaccagcag	tgcactgtga	gtcgtccagg	actggccgtg	attgcaggag	2040
ccctggccgt	ggaattgatg	gtatctgttt	tgagcatctc	agaagggggc	tatgccattg	2100
ccagcagcag	tgacgatcgg	atgaatgagc	ctccaacctc	tcttgggctt	gtgectcacc	2160
agatccgggg	atttctttca	cggtttgata	atgtccttcc	cgtcagcctg	gcatttgaca	2220
aatgtacagc	ttgttcttcc	aaagtctctg	atcaatatga	acgagaagga	tttaacttcc	2280
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tgcacaaaga	aacccaagct	gctgagatct	gggacatgag	cgatgatgag	accatctgag	2400
atggccccgc	tgtggggctg	acttctcccc	ggcgcctgct	tgaggagctc	tccatcgcca	2460
gagcaggact	gctgacccca	ggcctgggtg	ttctgggccc	ctcctccata	ccccgaggct	2520
tgggattccc	ccctctgctg	cccaggagtg	gccagtgttc	ggcgttgctc	gggattcaag	2580
ataccaccag	ttcagagcta	aataataacc	ttggccttgg	ccttgctatt	gacctgggac	2640
ttggctcctc	atgcagtttt	tatttcttgt	cacagtgact	gatagccatc	ccccaggatc	2700
ctttccccct	ggccttgagg	gggtgaccca	acacagacca			2740

<210> 7923

<211> 1008

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (135)...(567)

<223> similar to gi5832417 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7923
agtgggtggaa ttcgagctac aacctgccag cctatgctcc atacctgccc tgcgaggcct      60
gcgcgatgca agacgggaga aaaggagggg cgtacgcggg caagatggag gcgactacgg      120
ctggtgtggg ccggctagag gaagaggcgt tgcggcgaaa ggaacggctg aaggccctac      180
gggagaaaac cgggcgcaag gacaaggaa atggggagcc aaagaccaag catctcagag      240
aagaggagga agaaggcgag aagcacaggg aacttaggct gcggaactat gtcccgagg      300
atgaggacct gaagaagagg aggggtgcccc aggccaaacc ggttgcaagt gaggagaagg      360
tgaaggagca gctggaggcc gccaaagccc agcccgtcat cgaggagggt gacctggcca      420
acctcgctcc tcggaagcct gactgggacc tcaagagaga tgtggccaag aagctggaga      480
aactaaaaaa gcggactcag agggccattg ccgagctgat ccgtgaaagg ctgaaaggcc      540
aggaagacag cctagcctct gcagtggatg ctgccaccga acaaaagacc tgtgactccg      600
actgaggcat gccctgcccc accactcgcc catcaggcct gtccctgcagg ggatggtctt      660
gggcagggat gggggctagg cttgccatca cctccagttt ggcttctgag cagagactcc      720
ctgcccacat agtctgaaac ccccatggat gaggtcagct ccttgtctgc tgggtggccc      780
ctgccattct gaatggaggc agaaccagca acaactctgg gcgtgcctgt gtctgcacat      840
gtggatgtac atatgtctgt atatatgtat atattttgaa ctttctaaaa aaaaatctgg      900
aaatagaaac aagtaaaaaa aaaaaaaagg ggcgcctgtg ttaagggatc aaagtttact      960
tccgcgggga tggagagggg aaagtttttt tatggggggc ccataacc      1008

```

<210> 7924

<211> 2258

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (80)...(1240)

<223> similar to gi3877175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7924
tttcgtcgcg ggcgggcggg cagcgcagcg ccgagcgggg cccgcggggc catgaggagg      60
cctggggacc atgggctcca ggatcaagca gaatccagag accacatttg aagtatatgt      120
tgaagtggcc tatcccagga caggtggcac tctttcagat cctgagggtgc agaggcaatt      180
cccgaggagc tacagtgacc aggaagtctt acagactttg accaagtttt gtttccccct      240
ctatgtggac agcctcacag ttagccaagt tggccagaac ttcacattcg tgctcactga      300
cattgacagc aaacagagat tcgggttctg ccgcttatct tcaggagcga agagctgctt      360
ctgtatctta agctatctcc cctgggttcga ggtattttat aagctgctta acatcctggc      420
agattacagc acaaaaagac aggaaaatca gtggaatgag cttcttgaaa ctctgcacaa      480
acttcccac cctgaccagc gagtgtctgt ccatctcagc gtgcattctt attttactgt      540
gcctgatacc agagaacttc ccagcatacc tgagaataga aatctgacag aatatattgt      600
ggctgtggat gttaacaaca tgttgcattc gtacgccagt atgctgtacg aacgccggat      660
actcatcatt tgcagcaaac tcagcactct gactgcctgc atccacgggt ctgcggcgat      720
gctctacccc atgtactggc agcacgtgta catccccgtg ctgccgcgcg atctgctgga      780
ctactgctgt gctcccatgc cctacctcat aggaatccat ttaagtttaa tggagaaagt      840
cagaaacatg gccctggatg atgtcgtgat cctgaatgtg gacaccaaca ccctggaaac      900
ccccttcgat gacctccaga gcctcccaaa cgacgtgatc tcttcctga agaacaggct      960
gaaaaaggtc tccacaacca ctggggatgg tgtggccaga gcgttctca agggccaggc      1020
tgctttcttc ggtagctacc gaaacgctct gaaaatcgag ccggaggagc cgatcacttt      1080
ctgtgaggaa gccttcgtgt cccactaccg ctccggagcc atgaggcagt tcctgcagaa      1140

```

cgccacacag	ctgcagctct	tcaagcagtt	tattgatggt	cgattagatc	ttctcaattc	1200
cggcgaaggt	ttcagtgatg	tttttgaaga	ggaaatcaac	atgggcgagt	acgctggcag	1260
tgacaaactg	taccatcagt	ggctctccac	tgtccgaaa	ggaagtggag	caattctgaa	1320
tactgtaaag	accaaagcaa	atccggccat	gaagactgtc	tacaagttcg	acattgccga	1380
gaatggctgc	gccccaccc	cagaagagca	gctgccaaag	actgcaccgt	ccccactggt	1440
ggaggccaag	gacccaagc	tccgagaaga	ccggcggcca	atcacagtcc	actttggaca	1500
ggtgcgcca	cctcgccac	atggtgttaa	gagaccaaag	agcaacatcg	cagtgggaagg	1560
ccggaggacg	tctgtgccga	gccctgagca	aaacaccatt	gcaacaccag	ctacactcca	1620
cattctacag	aaaagcatta	cccattttgc	ggccaagtcc	ccgacgagag	gctggacctc	1680
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cagtatcact	tttagttttg	ttggttggtt	ggtttggtgt	ttgtttaata	tgccctgttt	1860
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tcacagtggc	tcggggccac	aaggagacag	aggggtacgt	ttcaggacat	cattccaagg	2040
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atttctagtg	caacccggtg	gtttttctac	gcctcttccc	atgctgcttc	cccaccccc	2160
cactgtgctc	cgcccccttc	aaatgccatg	tcacaacagc	acttggatgt	gtttttctca	2220
actgtcatca	gctccagctg	gcaggacca	cttcttga			2258

<210> 7925

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1804)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1186)...(703)

<223> similar to gi847722 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7925

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tgcccctagg	aatccccatc	cccagctaca	caggcactca	gggagagcgc	acatgctgtg	180
tgggcagaca	gccccaggcc	aggtaggcag	tgagctccct	caaatcctcc	cacccccagg	240
actcaggagg	gaggggcagg	agaggtgtgg	gcccgggtgtg	cagtcctcag	gcgggccccct	300
gagctcgag	ccagccaggc	cttgtgcctc	caggatggat	ggtgtgatga	ggcacatgcc	360
ccgtagcctt	tcccttcagg	agggccttaa	ccaagaagta	tcttgtttag	gggctgggga	420
cagggtgggg	aagatgacag	gaggacagct	gacctcttca	ccctttgagt	ggtatccccct	480
tcagaagatt	ccagccaaca	ccagaggagg	caggagcagt	agtcccagga	gagggcccca	540
cacatgacca	gggcccaggt	tcagccctga	cacgacgcta	ggcttgctag	ggccctctgc	600
accatttttc	ctagagtctg	atgcttcagt	cgcccgggaag	gatggggcct	cagttaccag	660
gtaaggcaaa	tcctgagcat	cttccgggct	tccgatgggt	tcacagaggg	agttcttgca	720
gtggtagcca	gagggacatt	gggagcacgg	agtccccctc	tggtagggcc	gtttccccct	780

cacgttcccc	ggaggctcat	agttgcacac	cagtaattcg	atgttgggtct	cctcaacacc	840
ctggagcttc	tcacagaagt	gggaaccaca	gccgatcctc	tctgtcttgg	cccataccac	900
ctgcgtgtag	tggccgcaca	tctggcctgg	gctgcagggtg	gcggcgctga	ggttgtagt	960
ctcacgctcg	tggtgccact	ectccatggc	cagcggcacg	tccatgccct	cgtctgtgat	1020
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tgcgtaggcc	ttggcgaagg	cggccagctc	ctcgtcccat	ctcatgtgca	gcatgtctga	1140
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ctcatctgtg	agggctccaa	cggggcctgt	ggtggccacc	agcagtagca	gtagcggcag	1260
cagaagcatc	aggaaactgc	aggagccgtg	catggtggcc	agccgtctct	ccttctcccc	1320
tccaggggtc	tggcagctgg	atttaaagtc	cttcccacac	aagcaccacc	ctggctgggg	1380
tggggtagt	ggggccgtgt	ttgaggccca	gcccgactca	cacaatgtct	cagggagggtc	1440
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ggcactggca	ctacagaatg	ccctgggtgtg	gtcatctctg	tggcctctgc	caccagtccct	1740
gccccctnenn	nggnnnnttc	nagtatcnat	taganaccct	ggagnnngaa	gcctggcaac	1800
tct						1803

<210> 7926

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (512)...(667)

<223> similar to gi4490946 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7926

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ggtgatgagt	gctcctcaaa	ggaaacaact	aaaaccagac	aagggaagtc	ggggtgtcag	180
ggagaatggt	ttgtagtatt	gatgacaatg	gttaaggaag	gcctgagttc	tgcaaagacc	240
tcaaggatat	gagggactag	agtgcctctc	gctgtggaag	agcctgcgca	aagatcctga	300
ggtgggaggg	gtcagggagc	caactcattt	tacggtaagt	ggaggtggga	tccaggggag	360
gattctgagc	agaggagggg	cgtggcccaa	tttgggcttt	gaaaggatcc	tgcttgtctg	420
tgtgccagca	tcttgggtgt	ggttggggga	gtctgcatca	atcctgggtg	ctgttacctg	480
aaaaaatagc	aggtgttaga	cgaagaaca	gatgtctggc	ccattgtctc	cagtctgttc	540
ctgtccacag	cttcccttta	tgttgagccc	ctgccacatg	catcatcatc	ctggccatgt	600
ggcattgtca	cagaccgtct	ctcctgctag	cctcctaact	cagggcctgg	gtcttcccca	660
gcattaagta	aatcagtctc	aggcagacag	ccctttatag	gtgtttgggc	caggtgcggt	720
ggctcacgcc	tgtaatccca	gctctttgtg	gggcccaggt	ctttgagctc	aggagttcaa	780
gaccagcctg	ggcagcatga	caaaaccctg	tctctaccaa	aaatacaaaa	attagccacg	840
catggtggca	cacacctgtg	gtcccagcta	ctcgggaggg	tgaggtggga	ggatcgctgg	900
agcctgggaa	gttgaggctg	cagtgagccg	tgatcatgcc	actgcattcc	agcctgtgtg	960
atggagagag	accctgtctc					980

<210> 7927  
 <211> 479  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (221)...(331)  
 <223> similar to gi32575 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7927  
 ccggaattcc cgggcggacg cgtgggggct gacatgagag aatcgcttga gcccaggagt 60  
 tcgtggctgc agtgagctat gattgtgccca ctgcactcca gtctggggga cagaatgaaa 120  
 ctgtctcaaa aagagtaaat gagaccccgga gagttggagc agtgccccct agtacacaga 180  
 aaagacaggg ctttgacacc ccctatctct ggtgttcttg gccctcaaca caggaaaaga 240  
 aaaaagccat ccaggaggag gaggagagag accaggcctt gcaggccaag gcgagcctga 300  
 ccatcccgct ggtgcccagag acggaagatg accgcaagct ggcggctctg ctgaagttcc 360  
 acaccctgga ctctacgag gacaagcaga aacttaagcg gaccgagatc atcagcccgt 420  
 tctgggttcc cttttgcccc ggaatccgcc tccaacagca aggtcagcgg cggcctgag 479

<210> 7928  
 <211> 2002  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (799)...(1700)  
 <223> similar to gi757754 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7928  
 agagacttgc caagccccac gaaagcaaat actgaataaa tgccctcagct taacttttga 60  
 atggctgatc ctactcaaat gggaggcctg agtatgctgc tgtagctgg agaacatgct 120  
 cttggcacac cagaggtatt ctctggcaca tgcaggcctg atgtttcaga atctcctgaa 180  
 ttacgtcaga agtcaccatt gtttcagttt gccgagatat cttcaagtac gtccactct 240  
 gatgcttcta caaagcagtg tcaaacatct gccttgtttc agtttgcaga gatttcttca 300  
 aacacttcgc agttgggtgg tgctgagcct gtaaaacgct gtggaaagtc tgcactcttt 360  
 caactggcag agatgtgcct ggcacagaa gggatgaaaa tggaagaatc aaagctaata 420  
 aaagcaaaaag aatccgatgg tggaagaatt aaagaattag agaagggaaa ggaagaaaaa 480  
 gaaattaaaaa tggagaaaac agatgaaact aggttacaga aggaagcaga atttgaaaaa 540  
 tcggctaagg aaaatttaag agattctaag gaattgagaa attttgaggc attgcaataa 600  
 gatgacataa tggctataaa aatggaagat cccaaagaaa ttagaaagga agagttagaa 660

gaagatcaca	aatgtagtca	ttttcctgat	ttttcttatt	ctgccagtag	caagataata	720
attagtgatg	ttcccagtag	aaaggatcat	atgtgccatc	ctcatggaat	tatgatcatt	780
gaggatcccg	cagcataaaa	caagccagaa	aagctaaaaa	agaaaaagaa	gaaaagcaaa	840
atggatcgac	atggaaatga	taaatccaca	cccaagaaga	cttgcaaaaa	gaggcagtcct	900
tcggaatctg	acattgagag	cgtcatatat	accattgaag	ccgtcgcaaa	aggagactgg	960
ggcatagaga	aacttggaga	taccctctgc	aagaagggtcc	gcacatcctc	aagtggcaag	1020
ggaagcattt	tggatgccaa	gccaccaaag	aaaaaagtga	aatcaagaga	gaagaaaatg	1080
tcaaaggaga	aatcctcaga	caccaccaa	gagtcaagac	ctccagattt	cattagtatt	1140
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cctatggaag	atgcactacc	accagccta	tcaggacagg	ccaagcctga	ggacagtgc	1260
tgtcacagaa	aaatagaaac	ttgtggttcc	aggaaatccg	agagggtctg	caaagggtgct	1320
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aaagaagact	gtctccttgg	ctccgcaaag	ctggatgaag	aatttgaaaa	aaaattcaac	1560
agcctccctc	aatatagtc	tgttacattt	gaccggaaaat	gtgtacctgt	cccaagaaaa	1620
aagaagaaga	ctggaaatgt	gtcctcagaa	ccgactaaaa	ccagcaaagg	aagtggggat	1680
aaatggtcaa	acaagcaact	cttcttggat	gccattcacc	ctacagaagc	catattttca	1740
gaagacagaa	acaccatgga	gcctgttcat	aagggttaaaa	atatcccatc	cattttcaac	1800
actccagagc	caacaacaac	ggcaagaacc	tttggggggc	agccaaaaga	gaaaagcaag	1860
gaaaaccag	attactcacc	ttgtcaagac	acgcagaggg	ccgggtatca	ccatgaggag	1920
gtactttgga	tgacaaacct	tatgaacaac	tgcgaggagg	tctacctaaa	gcaactgaga	1980
catactgcga	tgacgaatgc	tc				2002

<210> 7929

<211> 2327

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1955)...(657)

<223> similar to gi4884150 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7929

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ccccggcccc	ggaatttaaat	tttggggccc	cataaaaaaa	gtttttcctt	gccagcccc	120
ggtagttaa	cttgggttctt	ttaaaccgggc	ccccctttt	tttttttttg	attttaaatt	180
tcttctttat	taaaaaaaaa	aggcgttttt	ctgggttttt	taaaacttct	ccaatacatt	240
aaaacttttt	ttctcgccac	atagcacttc	tttcttgcc	ctttcatttc	tgctcctgg	300
gttgcctgcc	tcctgcaaga	cccagatgaa	gaaacctttt	caatggtcga	gatctgagac	360
ttggagctgg	aggggctgaa	ggcttgaagg	aagggtggtta	ctgggtcaaaa	ggagaagttc	420
atttgcacaa	aaatataaac	tggggaggat	gagaccagca	catacacgta	tggattgatc	480
tacaatccat	ataaaaaaat	agacccaaat	tgtcatttta	catttgcaat	attatacaaa	540
ataatatata	tttttaaaaca	acacataccc	acctacacac	acgtgcgcgc	acacacatac	600
acacaagggtg	ctagtgaccc	ctctgtgctt	ctgcttgtgg	ggacaagggt	gtcagtaggc	660
aaagatgaca	tggtaagtga	cctgggtggc	attgtcccag	gcatagagca	ggcggtcctt	720
gggggttgtag	tctatctggg	tcgtataaaa	atactcattc	tcgaacagca	gcctggggac	780
gatctgtgtg	ttggtgtggg	tgtcgaaaagc	gtaggagatg	ttggcattcc	gctggttgta	840

gctatccacg	gcatacagca	ccccacagat	gacgaagcag	ttgccgtaga	aattcctccg	900
gagccccgtg	cgccatgtgg	tctccttctg	tgtgctcagg	tccgcggcat	tgagcttgct	960
caggacaatg	acctcctggc	tgaagccctc	atcgctccagg	gccgggtaga	tgagccatag	1020
gccattctcg	tccacagcaa	agtccacgtc	tgagtggccc	tgccatcgcc	aggggggtggc	1080
ctcctcgtag	gccacgtcat	gcagcatggc	ccaggcagcc	acgtagcgct	gcttcagggtc	1140
gtacttgatg	atgttgcggg	tgaaggcgcg	attgtagtag	aaggcgccat	tgtataccac	1200
gtggcctgtg	ccgatccagc	tgtacgggag	cttgtaggaa	ttgctccagc	gaccttgttt	1260
gaagttctcc	aggttccgga	actctaccag	ggtgttgccg	tagtaatagt	tggttacgta	1320
aatccgctca	tcttgggcca	gggggtcctt	catccaggcc	ccttcattcc	gcccataatgt	1380
gttctgggtg	gtcggccccg	tgattgtgga	gagagtgtcc	ttgcaccttc	ctatgacatt	1440
ccggatgtca	tcttcttctt	cggggctcag	cgtggggctg	gcaggggttg	ttccccgccc	1500
agcaggagca	tctttcccca	gcgagtctgt	tctgactgtg	gtgggaggca	ctgggactgt	1560
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ggtccgagcg	ttcagggtcg	ttgtcacagc	agtgtgtgt	ccctgacggg	tggctgcagg	1860
cctccgggtg	acactggtca	tcaggccggt	gtgtctcagg	agctgatctt	caatcagcaa	1920
atccactcca	ttgtcaccgc	tgaaaaaactc	atcttgctgc	tcttcaatgt	cattctcttc	1980
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ctgcagaaac	cgctcttcat	actctgggtg	ggcgtaggct	gctgctgcat	ccctctgcag	2220
ggctcagcgg	atgtctggca	tgctatctag	gatgttttca	gagcaatttt	ctttgcctcg	2280
cttattcatc	tcgggttcgaa	tttcgtcccc	gtcgcgtgaa	tcgaccc		2327

<210> 7930

<211> 1294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1251)...(371)

<223> similar to gi3880433 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7930

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tctataacag	tctagagcag	gtcatcaggc	ccaggatgga	gagaggttat	caaaggtgct	120
gtgggtgtgct	ttgctgcacg	tgcttagggc	ctggaaggaa	aggtgggtggc	aacagagggtt	180
ggcaggaact	ggtgttagtc	aaaacaccaa	aatcctgggg	gagagccctt	ctaccttctt	240
tctaactcca	cttgagggtg	gagcattcca	ggagacagag	aatgtgacca	ggatgcagca	300
gtgtcatctg	aacccttggc	ttcgttcagt	gctacttcac	ttgccagccc	tccactcttc	360
ttgcctttta	gtgattaggt	atttgaagaa	ctcatacaca	gaccatgcga	tggctgtgga	420
ggggatctgg	taaattactc	tggcctgcac	ccctcgga	taggcggtca	ccccacctac	480
ttgatatacc	gtcctgaagg	cactagccat	gcctgtgata	tgtcctgtaa	tgtgtgagtt	540
caaagccaag	gactcctggg	tgttgagcag	tgttttgcaa	acgtccagtg	gggttgtggc	600
tgccggcagct	acagctcctg	cgcaagctcc	agagaggacg	tgggagcttg	ggttgtaccg	660
tctctggggg	ttaaagtgtc	cctgcaggaa	ttcataggtc	atgaagtgaa	tggcttgga	720



aggaacgttc	atggtcagct	gggtggtgta	gctgcggtaa	aaggccccgg	cccccttcatt	780
ttgccacact	gccccgtacac	agtctgtcac	ccggtggtat	ggtgagttgt	acatctgcat	840
cctctgcttg	gccacttccg	cagggttcat	ggctgcatca	tgaagtaatg	ttgccacaca	900
cccggccgca	ccattggcaa	tatggctatt	gccccaggg	tggattacat	cactcaatgt	960
cttttttaac	ttttcgtagc	aggcaaaata	aagggcgtgg	gcaggccctg	cgctgttg	1020
tgtgacgttc	agccccctca	tgggcctcca	taggccctcc	gttcttataa	tcctccagag	1080
ggcctccaac	acattgcgat	agcgggcagc	tgggtcaggc	tgtagactct	gcacccgggt	1140
cttgacgcag	tcgatgggg	acatcacgca	gtgctccagg	atccctgcc	cgccgcctgc	1200
caccatgtgc	gtggtgacag	tggctccagc	cggcagcgcc	tcgtagtccg	ggccggagtc	1260
cggatcttgt	cgtaccgggg	gcctgcaggc	cccc			1294

<210> 7931

<211> 1783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (328)...(713)

<223> similar to gi5912072 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7931

aagagttcat	gtcactagta	cagcgcggag	gaattcgttt	tccatctgag	caatgggtat	60
tggaccaggc	caatgggtcc	tgacctgctg	agcccccttg	ctctcatcct	tgtacccaaa	120
cagcctctcc	tgagtgggtg	cctcatcaga	tagagttctg	gtgtcacctg	gggagaagca	180
catctttttt	gcttggtatg	tctggccagt	gggcatgtgt	ggggaagagt	tgtgatgcc	240
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cctgagggtg	tggggtctgc	aggctgacta	tgtgttcgtt	ttccagggtg	ctttgacact	360
gaggctggag	ctgtgtcctc	ctcagagccc	actgtggcca	gagatgagcc	agagagccta	420
gccctggctc	agaagtcacc	ggcccccaag	gtcaggaagc	caggcaggaa	gccaccaacc	480
cctggcccgg	agaaagcaga	ggcagctgct	ggggaagagt	cctgtgggtg	ctccccctacc	540
cctgctacca	gtgccagccc	acctggcccc	acactgaagg	cccgtctccg	cagtctgctg	600
gagaccgcct	ggctcaatgg	cctggctctg	cccacctggg	gccacaagtc	ctcaagacca	660
gaccagccct	cacctgccc	acagctgctg	gacagccaga	gccatcacct	gtagcactgg	720
ttgccagtgc	tgtgtgtata	gcagtcactc	tccaccttc	cctttttgcc	ttgccagct	780
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gggtctttat	tggataggac	tactccctat	ttcttgcc	gagaacacac	atgggctttg	960
gagcccgaca	gacctgggct	tgaattccgg	ctcgtgttct	tgtgcagga	cctgggcaag	1020
aaacttcacc	tctgctgagc	cctcattccc	catgtgtaaa	atgggacaac	gcaacctacc	1080
tcacagggtt	gttgtgggga	tgtgcctga	tacataccct	gtcaccattt	ggtctctgct	1140
tcctctctgg	gacagggcct	agaattggag	gcagagaacc	ttcctataga	aagtcttcgt	1200
gtgtcctagg	acttggctat	cgtagagtgg	taccttaggc	agtggatgtg	actcacactt	1260
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gagggagcct	gcactccctg	ctcccaatcc	ccgctactgg	tgcagggatg	cagcctggag	1380
ctggcgctct	tgttctgggc	ctgctgctgc	cgccacccca	ggaggcccca	ggcctgtcct	1440
gaattgacat	cagtgtctcc	ctgaactgcc	tccccacccc	ctggcattat	cccaggaaac	1500
ttatgttttc	tagaagctaa	gcagctgctg	ggactcaggg	actggtgcag	gtaggctgag	1560
tggcagctca	gtcctagaag	gtctctgaag	atctggactg	aggacctgc	tactccccaa	1620

gccagagccc	atcagccagg	cctgctgtga	gccacctgcc	tgtggagtgc	tgagctcaac	1680
caaaggctgg	caagctctgg	gcctcattta	agggattctg	atgagccgat	gggccctgga	1740
ggcagcccat	taaagcatct	ggctcgtttt	tggaaaaaaa	aaa		1783

<210> 7932

<211> 5773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5557)...(2739)

<223> similar to gi5689399 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7932

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gtttctttca	ttttatttta	agaaggacaa	aaattgttat	taaaacatct	acattattat	120
caagatacta	gcaccttatg	aatatattaat	attaaagtgt	ggtattctta	aatttttaat	180
acacagacat	tttaaaggac	cattaaattg	attactgccc	agctgagaaa	tgcagcatcc	240
ctccccaccc	accccgcccc	catgettgc	atgccatctt	tgtccctgcc	tgcggggggg	300
aacacaggtc	ccagattcag	tcctctgagc	ctcccagcct	ggggccctag	aaggctcaca	360
actgaaatag	ttacctcat	cattaaaagg	gtcttctgt	ccctcctccc	caatcacact	420
cctgcctccc	actctctctt	cattaccctg	tgggggctcc	agctctggcc	aggccaggaa	480
gccccagatc	ccaagggtcc	ctggacagat	cacaggctga	agatgaaaac	tctggacttg	540
aatcctgttc	ttttcagcgg	ggagacaaat	acaaatcacc	ttctttccct	gagcactccc	600
actctctccg	cactcgatgg	gggtggtctg	ggaagctagc	agagtggggc	ctggggaggg	660
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tgcaaatagt	ccagtggccc	ctgaaaccct	cctaatacaca	caaggatggc	tgcattttct	780
ggccaaattc	tttatcttta	gccctcataa	aagtgtattcc	ttggatacca	cacacatata	840
taatattata	tagagcgata	tatttaatac	ctgtgtatat	atgcatcacg	ggggcgacat	900
atatacacac	tagaaacaag	gctggtgaca	acggactgca	acaccacgga	tcagggaaaa	960
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cctcccctac	agccacacca	ccagcaccca	aactctgcag	tgtctggcctg	ctgcgggccag	1080
ggggtggggc	aggggaagagg	aaagggcgca	tgccacgatt	atcaggaaag	gttgggcagt	1140
ggcggcggga	ggaacagcgt	ccctccagc	cctgggcagc	ccatcactgt	gtcagcgcg	1200
gctggcaatc	cttgcttgag	aagaatgggg	tggctccctc	tctccttctc	acccccctac	1260
agcctaatac	ctggttcctt	ccggggctgc	cccactcctg	tgccaatgat	gtggggcatt	1320
ctggaatgtc	tggggaacca	gggcacgggtg	gatctgccct	ggttgatgga	aggtagggtg	1380
gagaggaggg	gggtgcacac	agacatgtca	gacgagaggg	acgagcgagg	ccttggtgag	1440
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gaggggctag	gacagacggg	tataactgta	tgtctgggtc	tagaggagag	gacatactgg	1560
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ggaccccagc	tgcacactga	ttcagagacc	atcgcatccc	tgtgaggggg	accgtgggct	1920
cagccaataa	ttggccctga	gtcttttcag	ccctgttttc	atcccagctc	tgccttgtgc	1980
tgggaccgtg	ggtggaccac	tcctcccttc	taggcctcag	tttccctctc	tgcaaaatgg	2040

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agatcatcta	gcccacctcc	tcccagcctt	ccggaggga	agctgaggcc	ccagagggtta	2220
agtggccagt	acagtgttcc	cagctccaac	ctggggctac	attttaaaagc	taatggggcc	2280
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agggagagaa	ggacctcct	gctggagatt	caagtgggga	ccccaggctc	cccagccctg	2400
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ttagtaataa	ttaa					5773

<210> 7933  
 <211> 3617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (55)...(1779)  
 <223> similar to gi23897 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7933						
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gcggctggcg	cctgggagct	tacgattttg	cacaccaacg	acgtgcacag	ccggctggag	180
cagaccagcg	aggactccag	caagtgcgtc	aacgccagcc	gctgcatggg	tggcgtggct	240
cggctcttca	ccaaggttca	gcagatccgc	cgcgcgaac	ccaacgtgct	gctgctggac	300
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gaagtagata	agttaaaaac	tctaaatgtg	aacaaaatta	ttgcaactggg	acattcgggt	720
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cacgtatcca	tgtgcatttt	aaatggagggt	ggtatccggt	cgcccattga	tgaacgcaac	1260
aatggcacia	ttacctggga	gaacctggct	gctgtattgc	cctttggagg	cacatttgac	1320
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taagctcaaa	aaaaaaa					3617

<210> 7934

<211> 1826

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1637)...(780)

<223> similar to gi4972734 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7934

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atttttatag	gtaactaaat	ttaagaagtt	tacccttttt	ccctgttttg	cttttaataa	180
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tcagagtcct	atgtgggtgt	aagggtaccgc	tgggaaggga	ggaacaagga	ttgtcatgg	360
gggacttgta	cggtttcttt	ttgctggatc	ccaattttcc	attgcttctc	tttcatatga	420

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tgatgccagt	cgaaaaaact	gaagaccttg	ttctccatca	gaaactggct	gtgaagaaaa	1140
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tgtgtgaatc	agtttcacca	tgttctttat	ttgaagaaaa	acagcctgca	ggagcggggg	1740
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ggctggcggg	gcgggcgccc	gcggag				1826

<210> 7935

<211> 1394

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (58)...(1254)

<223> similar to gi344242 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7935

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ggaaaattac	atcctggaag	ccctgaagtg	actatgaaca	ttagtcagat	gattacttat	180
tggggatacc	caaatgaaga	atatgaagtt	gtgactgaag	atggttatat	tcttgaagtc	240
aatagaattc	cttatgggaa	gaaaaattca	gggaatacag	gccagagacc	tggtgtgttt	300
ttgcagcatg	gtttgcttgc	atcagccaca	aactggattt	ccaacctgcc	gaacaacagc	360
cttgccctta	ttctggcaga	tgctggttat	gatgtgtggc	tgggcaacag	cagaggaaac	420
acctggggcca	gaagaaactt	gtactattca	ccagattcag	ttgaattctg	ggctttcagc	480
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ttttccacca	atcccagcct	ggctaaaaga	atcaaaacct	tctatgctct	agctcctgtt	660
gccactgtga	agtatacaaa	aagccttata	aacaaactta	gatttgttcc	tcaateccctc	720
ttcaagttta	tatttgggtga	caaaatattc	taccacaca	acttctttga	tcaattttctt	780

gctactgaag	tgtgctcccg	tgagatgctg	aatctccttt	gcagcaatgc	cttattttata	840
atttgtggat	ttgacagtaa	gaactttaac	acgagtcgct	tggatgtgta	tctatcacat	900
aatccagcag	gaactttctgt	tcaaaacatg	ttccattgga	cccaggctgt	taagtctggg	960
aaattccaag	cttatgactg	gggaagccca	gttcagaata	ggatgcacta	tgatcagtcc	1020
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atttaccaca	aggagattcc	tttttacaat	cacttggaact	ttatctgggc	aatggatgcc	1200
cctcaagaag	tttacaatga	cattgtttct	atgatatcag	aagataaaaa	gtagttctgg	1260
atttaaagaa	ttatcgtttt	gtttttccaa	aatactttat	tctctcatac	atagtatttt	1320
cataatgttt	gacatgcagt	gcttctttct	gtaattttga	ctttagaaat	atattggcat	1380
caacaaaaaa	aaaa					1394

<210> 7936

<211> 4518

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (183)...(3306)

<223> similar to gi36675 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7936

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ctgtcccca	gctgagctga	ggctcttctc	ctccgatccc	cacctctgcc	cggacatcca	180
ccatggggac	agccaccagg	aggaagccac	acctgctgct	ggtagctgct	gtggcccttg	240
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aagaccagcc	cctcagtgtg	ctattcccag	aggagtccac	ggaggagcag	gtgttgctgg	360
catgccgcgc	ccgggccagc	cctccagcca	cctatcggtg	gaagatgaat	ggtaccgaga	420
tgaagctgga	gccagggttc	cgtcaccagc	tgggtggggg	caacctggtc	atcatgaatc	480
ccaccaaggc	acaggatgcc	ggggtctacc	agtgcctggc	ctccaaccca	gtgggcaccg	540
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acgggcgtca	cttcgtgtcc	cagaccacag	ggaacctgta	cattgcccga	accaatgcct	780
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cctgcctgct	cccagggtata	cctaggacca	cctggccaga	tccgctccca	gacggccttg	4440
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aaaaaacccc	cccccccc					4518

<210> 7937

<211> 1509



<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (327)...(492)

<223> similar to gi4469350 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7937

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agggggagcc	taccgcaggc	tgcgaaatgt	tctgtgtgaa	ggagagtttt	attgcagagt	180
tggaatatct	ctggctggag	gggaggttat	tctcaggatt	ggcatgtttc	tggtcagatg	240
ggggtttatc	tcatggttga	aatgtttctg	ctcatactga	catgagccat	taggctgatg	300
ttttgggctg	gtttttaatc	acggagaact	taaaatggcc	atgtttgtcc	aagatggcaa	360
tgctcctgct	gtcacacca	cccaccaca	gggtactggg	gtcgctgcag	aacctggccg	420
ccttcgcaga	cacgttccac	tgtgcccggt	gcaccccat	gcacccaag	gagcgatgcc	480
gcgtgtggtg	gccaaggccc	tgccgcgctg	tgccggccac	gccaccgcg	tgctcggagg	540
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ccaagcctgc	ctgccaggcc	tctgcgcctg	gccctagggg	gcagccacct	gcctgacacc	660
cagggatgag	cagtgtccag	tgcagtacct	ggaccggagc	cccctccaca	gacaccgcg	720
gggctcagtg	cccccgtcac	agctctgtag	agacaatcaa	ctgtgtcctg	cccaccctcc	780
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ctgcaagggt	ggcattgggg	gcaggaaggg	agccgggaga	cccacaggaa	cccacagtgg	1260
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agggtcccca	gggaaagggt	gccaagaagc	tggacacacc	taattagact	aagaccctcc	1440
cgggcgggcc	gccccaaagg	ccatacccag	caggtgcaaa	caatgattct	gacatcagta	1500
aagagcctt						1509

<210> 7938

<211> 1084

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(902)

<223> similar to gi2253585 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7938
catagaacgc ctgtacgctt tgagaagcgt gtacgcctag acgcaccggc gacccattcg      60
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ctaagagcaa agatgtttca aactgggggc ctcatgtct tctacgggct gttagcccag    180
accatggccc agtttgaggg cctgcccgtg cccctggacc agaccctgcc cttgaatgtg    240
aatccagccc tgcccttgag tcccacaggt cttgcaggaa gcttgacaaa tgccctcagc    300
aatggcctgc tgtctggggg cctgttgggc attctggaaa accttccgct cctggacatc    360
ctgaagcctg gaggaggtac ttctggtggc ctccttgggg gactgcttgg aaaagtgacg    420
tcagtgattc ctggcctgaa caacatcatt gacataaagg tcaactgacc ccagctgctg    480
gaacttggcc ttgtgcagag ccctgatggc caccgtctct atgtcaccat ccctctcggc    540
ataaagctcc aagtgaatac gcccctggtc ggtgcaagtc tgttgaggct ggctgtgaag    600
ctggacatca ctgcagaaat cttagctgtg agagataagc aggagaggat ccacctggtc    660
cttggtgact gcacccattc ccctggaagc ctgcaaattt ctctgcttga tggacttggc    720
cccctcccca ttcaaggtct tctggacagc ctcacaggga tcttgaataa agtcctgcct    780
gagttggttc agggcaacgt gtgccctctg gtcaatgagg ttctcagagg cttggacatc    840
accctggtgc atgacattgt taacatgctg atccacggac tacagtttgt catcaaggtc    900
taagccttcc aggaaggggc tggcctctgc tgagctgctt cccagtgtct acagatggct    960
ggcccatgtg ctggaagatg acacagttgc cttctctccg aggaacctgc cccctctcct   1020
ttcccaccag gcgtgtgtaa catcccattg gcctcaccta ataaaatggc tcttcttctg   1080
caaa
1084

```

```

<210> 7939
<211> 3710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3544)...(3446)
<223> similar to gi2224518 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7939
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tcagaaaaca ggttattatt tttttaaatc acttaacact gaacagataa gacctcttaa    180
aaggcagctg actatatcat gtcaccatca tagccaatac aacatttttg ccatacttcc    240
taaaaacctt ttgcataaca ctgatcatgc tacttatcag cacttttctaa catcctgacc    300
aaacagacac ccacacctct tatagagtac acttgtgaga gaataacatg ggacttggat    360
atgggcatca cacttgtttt aaagcaaaaa aaaaaagaaa aaggaaaaga aaaaaaaaaag    420
tccaaggcaa gaaactatat aacctgagag agaggagaga gagagagatc tgaggtacat    480
gatataaggg tgatgaacat aatggaaaaa atccaatggc ccgatgattt gctgggggatg    540
taagagttgg ccagcagtta agaactaaac caattaaaaa taaaaataga aactttgttt    600
ttcaaggaca ggcacctgtc aaaagacatt ggatactgta atggctacag tcagtaaggc    660
actttatttc cccaaagtag gctgcaggcg aagggatgca ggctgcagct acagcatgca    720
cgtacacatt tgctgatggc ttctcaaaac ctgagccgag aataggggtct gatagcccag    780
ccaagtttaa aagcagacac acacgaatgt agtatcgttg tgcctgaaat gaccattctg    840
ggttgtttag aatccagaat catcaaaagc catgtggtat gaggaagtaa taaatatcct    900
cttgaatctt cttaccctat tttgcacaaa tggatggctg catgaacagc tcttgtaaat    960

```

tgctctgagt	ccacaccaat	agaaacctgc	actcattcta	tagctacaga	gggtttgttg	1020
gcttaagggg	actttatcat	ctcagcatta	atttcccttt	taaagctatt	ctcaagggtg	1080
gactgtctca	gagataaaca	aagaggaatc	cttttggtct	agaagccaac	tggcttactc	1140
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agaactcata	tctcaaccat	ctacttcagg	acttgggaatt	taagcagtaa	aataatatat	3600
tataaaaaatg	tttataaaaat	agcagcacac	tctgtgaaac	attacagcta	ggtactgtca	3660
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<210> 7940

<211> 1959

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (72)...(1266)  
 <223> similar to gi306714 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7940

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cgtccccgga	ggagatcaag	aaggcctatc	ggaagctggc	gctcaagtac	cacccggaca	180
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ggatggaacg	tgagtgtctg	atcatctctc	ttggaagttt	tctgaacctt	ccaagctctg	1920
tggtgaggac	aaaccagtgt	ttgaatcatt	tgctgataa			1959

<210> 7941  
 <211> 4423  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (264)...(1996)  
 <223> similar to gi939885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7941

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<210> 7942

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (56)...(413)

<223> similar to gi3805814 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7942

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gggcatgcag	agctcccagc	agagaaaccg	agagcgtgtc	ctggcccagc	ttcttggcat	360
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agcctcggat	gtcctcct					798

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<210> 7943
<211> 2387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (370)...(1101)
<223> similar to gi3628745 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 7944

<211> 3015

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(1576)

<223> similar to gil657458 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7944

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<210> 7945

<211> 1379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(518)

<223> similar to gi5817177 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7945

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aatgttaaat	ttaaaaaata	caatgtgtat	gggtcctccc	atgtgtaata	tggtaacatg	960
taacttgcag	tgtttgccag	ctttcaaagc	aggctttgtg	aaaatgtaat	acaaacagca	1020
gtgaatggga	ctcaaattgt	gtgcttccta	taaacagctc	cgctctttca	gggaaggatg	1080
gtaacaaact	agaaggacaa	atatgtacgt	atttataacg	tattaaaact	cttttaagta	1140
gcttaaggta	ttgtgcaatg	gcctagccta	gtagaaatgg	gggaaaagca	ttgctgtgga	1200
ccattgttaa	agtgcagga	gttgtagggt	tacccttttg	acaagcttcc	atagtcttca	1260

gacacgcaca	ttgatggcat	ccctacagtc	ttcttcactt	gaactttgta	aaactgcata	1320
tggacctgta	atcaactttt	gatattttct	aataaaggcg	ttgaaaatca	aaaaaaaa	1379

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<210> 7946
<211> 2262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (309)...(1371)
<223> similar to gi402478 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7946						
tttcgtgcga	gaggagcccc	tgctctgtta	acgctcttaa	tgtgctgcgg	ctgccggcag	60
aagctagcag	gctcctctgc	tgaggagctg	gtgcctgtcc	agacgcagaa	gaaaactgac	120
acctcccacg	tgggggacag	aaaggctctc	tcattggtgc	cacctgcaga	gatagacaag	180
gagcgcttgg	ccatcagagg	acgctcctga	cagtgcacac	gtgaccacta	taaaagtcag	240
gcgggctgag	gaggagacaa	aggccaggac	gctccgcagc	tgttggggaa	gaggagctgc	300
ctcctgggat	ggagaaatth	aaggctgcga	tggtgctggg	gagcgctcgg	gatgctcttg	360
gctacagaaa	tgtctgcaag	gagaacagca	ctgtaggcat	gaagatccag	gaggagctgc	420
aacgttccgg	gggcctggac	cacctcgtac	tctcgccagg	agaatggccc	gtgagtgcac	480
acaccatcat	gcacatcgca	accgccgagg	ccctcaccac	agactactgg	tgccctggatg	540
atctgtaccg	ggagatgggtg	agatgctatg	tggaaatcgt	tgagaagctt	ccagaacgcc	600
ggccagaccc	agctaccatt	gaaggctgtg	ctcagctaaa	gccaataaac	taccttctcg	660
cctggcacac	accgttcaat	gaaaaaggct	cagggttttg	agcggccacc	aaggccatgt	720
gcctcggcct	gcggtactgg	aagcctgagc	ggctggagac	cctcatcgag	gtcagcgtgg	780
agtgcggccg	gatgaccac	aaccatccca	caggcttctc	gggctccctg	tgcacggccc	840
tgtttgtgtc	gttcgccgca	caaggaaagc	ccctgggtcca	gtggggggaga	gacatgctgc	900
gggcgggtgcc	tctggcagaa	gagtactgca	ggaagaccat	ccggcacacg	gcagaatacc	960
aggagcactg	gttttacttt	gaagctaaat	ggcaatthta	tttggaggag	aggaaaatca	1020
gtaaagactc	agaaaataaa	gccatcttcc	ccgacaatta	tgatgcagaa	gagagggaaa	1080
agacctacag	gaagtggagc	tcggaaggct	gaggggggag	acgaggccac	gatgccccca	1140
tgatagccta	tgacgccctc	cttgccagcag	gaaacagctg	gactgagctg	tgtcaccggg	1200
ccatgtttca	tggaggggag	agcgcggcca	cgggcaccat	tgcaggctgc	ctgttcgggt	1260
tgctgtacgg	cctggacctc	gttcccaaag	gcttgtagca	ggacctggag	gacaaggaga	1320
agctggagga	cctgggcgcg	gctctctacc	gcctgtccac	agaggagaag	taaagccatt	1380
tctgccactt	tccccctaga	gagccgattc	caccccgggg	cccgtagggc	cctctcgcag	1440
ccccgggtg	agggtgtctc	tgtgaggctc	cactgcggtc	tgtgcctgac	tggccacatc	1500
taactctctg	tttccaatth	cagaatccta	acgtgttgca	taaaatacat	tgthtgcctc	1560
gcgagaatat	tttccgtcct	ccaccatcag	cattgacact	gcgtagattt	gccgcacttg	1620
gacctccatg	cgtggcactc	accgcagctc	tcctggacag	gcgctgtatt	ttattctgtc	1680
gcagagctaa	tgctgtttac	tcaactcact	caacaacact	aactgcgggtg	gtggcctcca	1740
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tgagggccaa	tgcacctccc	cccaccccc	accctcccat	gtccacagtg	ggctcgtgtg	1860
tcctggacag	agaaacagtc	cacactgggg	cctgcgggac	acatatagca	gcataattht	1920
ctcttaaccc	caccacactt	tttaatcaca	ctagatttht	agatcaatcc	ctthtttgaaa	1980
caactcacgg	agaaaaccag	aacataaatg	gcctcctgcc	agctccggcg	tctctctgtg	2040
gtctgcctta	gtgggccaag	tccaaatgca	gagaaggcct	ttcccttccg	cgctgcctcc	2100

atcgggctcg	ctgacgagga	agcgcgtgtcc	ctgtgatgag	gttctctctc	aaagagtctt	2160
ggaaaagagg	ccccttgctc	ttgtttaaaa	taaatttggg	cgtgattttt	ccatgcagca	2220
tctggtgtga	ataaaacagc	agttgactga	tgtttaaaaa	aa		2262

<210> 7947  
 <211> 1414  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (35)...(1414)  
 <223> similar to gi5106988 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7947						
cggcgctgcc	gggtgaaatc	gtaggacagt	gaagatgctg	ctggaattgt	ccgaggagca	60
taaggaacac	ctggccttcc	tgccctcaagt	ggacagcgcg	gtggtcgccg	agtttgggcg	120
gattgctgtg	gaattcctga	gacgcggcgc	aaacccaaaa	atctacgaag	gcgcgccag	180
aaaactcaat	gtgagtagtg	acactgtcca	gcatgggtgtg	gaaggattaa	cgtatctcct	240
cactgagagc	tcaaagctca	tgattttctga	actggatttc	caagactctg	tttttgttct	300
gggattctct	gaagaattaa	acaaattgtt	gcttcagctt	tatctggaca	acagaaaaga	360
gatcagaacg	attctgagtg	aattgggcac	caagccttcc	cagttatcat	aaccttgaat	420
ggcgactaga	tgtacagctt	gcaagtagaa	gtctcaggca	acagattaaa	ccagcagtga	480
ctataaagct	acaccttaat	caaaatggag	atcacaaac	caaagtctctg	cagacagacc	540
cagccaccct	gctccatttg	gttcaacaac	tggaacaagc	attggaagag	atgaagacaa	600
atcactgtag	gagagttgtt	cgcaacatca	agtagtacca	gttttaaggt	tttaattcat	660
ttgaatcact	tatgaattga	tgatatacag	caattacttt	tcaaaattaa	ttttttatta	720
attcatgatg	ataaatacat	agtattcctc	agtatctatt	ccaagatact	gaggtcataa	780
tcagaagcta	agctgggtgc	agtggctcat	gccagttatc	ccagcacttt	gggaggccga	840
ggtgggcaaa	tcatgaggtc	aggagattga	gaccttcctg	gctaacatgg	tgaaacccca	900
tctctactaa	aaatataaaa	aattagccag	gtgtggtggc	acgcactctat	cagagtccca	960
gctactcagg	aggctgaggc	aggagaatcg	cttgaacctg	ggaggtggag	gttgcagtga	1020
gctgagattg	tgccactgca	ctccagcctg	ggtgacagag	tgagactcca	tctcaaaaat	1080
aataataata	ataataaaagt	aaaaataaaa	ataaaaaagt	aatcagaagc	taaagtaaag	1140
ttcctttcct	ggtgctaact	gtggctcttct	tgacacatta	agatgtattt	tgtattttta	1200
gagtctcatg	ctctaccgtt	gggaactagc	cagatggcca	ttattttgta	ttttaaatat	1260
ataaatagga	ttgaatcaac	tagaaatgaa	tctatatgtt	ctgtatatat	gaatgactat	1320
cttgtttttg	ctacttcttt	tgactgctta	attttattat	tttcatcttt	attgatcaaa	1380
tttcccaata	aaattcacaa	tgtaataacta	aaaa			1414

<210> 7948  
 <211> 2629  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (73)...(791)  
 <223> similar to gil469177 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7948

tttcgtggcg	gcagcggcgg	tggcgggtggc	tgagcagagg	acccggcggg	cggcctcgcg	60
ggtcaggaca	caatgtttgc	acgaggactg	aagaggaaat	gtgttgggcca	cgaggaagac	120
gtggagggag	ccctggccgg	cttgaagaca	gtgtcctcat	acagcctgca	gcggcagtcg	180
ctcctggaca	tgtctctggt	gaagttgcag	ctttgccaca	tgcttggtga	gcccacactg	240
tgccgctcag	tcctcattgc	caacacggtc	cggcagatcc	aagaggagat	gacgcaggat	300
gggacgtggc	gcacagtggc	accccaggct	gcagagcggg	cgccgctcga	ccgcttggtc	360
tccacggaga	tcctgtgccg	tgacgcgtgg	gggcaagagg	gggcacatcc	tgcttctggc	420
ttggggggacg	gccacacaca	gggtccagtt	tctgaccttt	gcccagtcac	ctcagcacag	480
gcaccaaggc	acctgcagag	cagcgccctgg	gagatggatg	gccctcgaga	aaacagagga	540
agcttttcaca	agtcacttga	tcagatatatt	gaaacgctgg	agactaaaaa	ccccagctgc	600
atggaagagc	gtttctcaga	cgtggacagc	ccctactacg	acctggacac	agtactgaca	660
ggcatgatgg	gggggtgccag	gccggggcccc	tgcaaggggc	tcgagggtct	ggctccggcc	720
accccaggcc	ctagctccag	ctgcaagtc	gacctgggcg	agctggacca	cgtggtggag	780
atcctggtgg	agacctgagc	aggagccctg	agtgtccaca	gccgcctctg	acgcattgac	840
acgtgagcac	tggtctccac	ggagggtgcg	cctgccgcca	gcggcccagc	cttgtctgcc	900
tgtctgctga	ttctgagaaa	tcccagaaca	gccattacc	agtggggctg	cagccctagg	960
cccgctccac	tcacctcccc	cctgtggagc	gccaggcaga	ggctgttctg	gaaggcttct	1020
tgtcttctga	cgctcccaca	gccctggggc	cctcggtgtc	ctttgtgtcc	cccactgtag	1080
aggacgggtga	gccgcagctg	catcaacctc	cttttacctt	tagatagggtg	aattttttaca	1140
attcagtttt	acatgttttg	ggcagtattt	tgtcttaaga	tatatattttt	aaacttttta	1200
taccttatct	cttttagattt	tttcagctat	tttcttaaaa	gtatatatttt	tctataaaca	1260
tcctttgtctg	ctacattaga	actttttatag	cctaaacaat	tgcaattggt	gtgtttcatt	1320
tttttaaggt	ttaaataagg	gttttttgtt	ttgttttgtt	ttttgcagtg	agcatcacta	1380
cagtctcagt	caacagtgtg	aatgtatcat	gttttacttt	aaatgtgtgt	gtgatacttc	1440
ttcattatgt	cctgcgctgc	agtgcagacct	gggtgaaaat	caggagccgc	acacagccac	1500
atcttcctag	acctaaagag	aaattatgga	ggattttatt	tatgtctatt	tatatgtaaa	1560
tgtcattgaa	gacaaagggtc	aaatatattgt	ctgtttgtag	atcacaggca	ccagttgggtc	1620
ttcagggacc	tcatagcccc	tcgggtgggtg	cttctcaagg	cagtgttcct	ggaggctccc	1680
atcaggggtca	gcccattgcac	ctgccctggg	tgaggaaagta	gcattgctgc	tggatgagaa	1740
acgcctgcgc	tgctctgtta	gactgggtgct	gaaacaaaag	gttaaggcta	ggttgaagtc	1800
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gggtgtgtttt	cttttgtgca	tatagccatt	cttaaataatc	agtgatgtaa	acctcacttt	2040
attaaaaaat	tatccagcaa	acaaaaatggg	aatgtgggtg	tagttacgac	cacggcctga	2100
ccctccagca	acctttctgc	aggatcagtt	ctgctgtatt	atctgggtgg	gctttctaa	2160
gtgggggaaag	gaattgcact	tggctgcatt	aaatggacgc	tgggttactt	ttatttcccc	2220
ccccacagc	gttgacagag	aaattctttt	tacattgttc	agcgcccggc	tggagttggg	2280
gggtgtccacg	acctctgaca	gccccgatg	tcgaaagtta	atcctcatgg	accctagttt	2340
aaaggggtgtg	tgttttatag	gaataaatct	aaagcactat	ttgttttctg	tatagcattt	2400
ttatctttta	gaaacatcat	ttgttcagca	ttagtagtag	ttgtagtgcc	tgttttggta	2460
gccttcaaaa	ttataaaactg	ctcagagaat	gtgacttttg	agcgcttttag	gggtgcttgg	2520
tcggaaaaca	gactgggtct	gtggaaggac	cacagacagg	agagaacagc	tgctgtgact	2580
tagaagtgtga	gccggagtct	cattccctgg	actcgccgtg	ttcacctgt		2629

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<210> 7949
<211> 2526
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(1001)
<223> similar to gi5114057 in the genepept database release.114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7949
aggaattccc gggtcgacga ttctgtgacc ggctcaccgg gtcgcttggg ggctccgtct      60
gtctgtccgt ccgcccgcgg gtgccatcat ggcggaacgg gccagtcagg tgctcctggg      120
ctccgggtctc accatcctgt ccagccgct catgtacgtg aaagtgtca tccagggtggg      180
atatgagcct ctctctccaa caataggacg aaatattttt gggcggaag tgtgtcagct      240
tcttggtctc tttagttatg ctgagcacat tgccagtatc gatgggaggc gcgggttggt      300
cacaggctta actccaagac tgtgttcggg agtccttgga actgtggtcc atggtaaagt      360
tttacagcat taccaggaga gtgacaaggg tgaggagtta ggacctggaa atgtacagaa      420
agaagtctca tcttcctttg accacgttat caaggagaca actcgagaga tgatcgctcg      480
ttctgctgct accctcatca cacatccctt ccatgtgatc actctgagat ctatgggtaca      540
gttcattggc agagaatcca agtactgtgg actttgtgat tccataataa ccatctatcg      600
ggaagagggc attctaggat ttttcggggg tcttggttct cgccttctag gtgacatcct      660
ttctttgtgg ctgtgtaact cactggccta cctcgtcaat acctatgcac tggacagtgg      720
ggtttctacc atgaatgaaa tgaagagtta ttctcaagct gtcacaggat tttttgcgag      780
tatgttgacc tatccctttg tgcttgtctc caatcttatg gctgtcaaca actgtggtct      840
tgctggtgga tgccctcctt actccccaat atatacgtct tggatagact gttggtgcat      900
gctacaaaaa gaggggaata tgagccgagg aaatagctta tttttccgga aggtcccctt      960
tggaagact tattgtttgt acctgaaaat gttaatttga agatgtgggg cagggacagt     1020
gacatttctg tagtcccaga tgcacagaat tatgggagag aatgttgatt tctatacagt     1080
gtggcgcgct tttttaataa tcatttaatc ttgggaaaat tcagggtgttt ggtgtctgcc     1140
ttttttgttc ttttttccag cacaacataa cttaccactg atactcccc tttagttatt     1200
ctgaattagg atatttttgc tccaaattct tattttactt aaccagaagg gaaaaaaagt     1260
tgtattttcc tgaagctaca ggcactttgt catgtgattt ttgagtctca atttaaggct     1320
ttgtaaaatg aagagtagaa ttccaagaaa aatgagaaat aattttgtaa aacttaacaa     1380
aatcactaaa ttaaactata tgggaggtta tgaattactt tttcttgggt agaccctaaa     1440
atgtcagtag catgcaccag aatctgactc ccattatgct tctaagcaca tttcattgac     1500
cttgtctctc atacttcaag aaaaggacag tacattgcta cattacccta gaaagtctgt     1560
gtgaggatct gcccttcag tctgttattg caaagtaata aaatgtcacc tacagggagc     1620
ctctgagcct actctagttc aagaggctac ctgaaaaaaa ataaataaga taaagggta     1680
gcaacaacaa agaaaaagac aattacagaa aataagcaag atttggaaag gaagtataat     1740
ggcacttttt tctctaaagg aagtctctgt tttcacataa aatatgaaaa gcagatcctg     1800
caggagtaac ccccttcttt aagagccaag tatttgccag tgcttaaatt acaccatacc     1860
ggtctaatta tatataatct tttgttcttc agttttttgt tttgtttcct tttgtttatt     1920
ggtgccgaag gtgagtagtt ttgcatttct gatgacagcc ttggaaagta tatttgtaac     1980
tccatgtctg gtaatgccaa cccaagtcga catgggtctt aggacactga ccacctcaca     2040
tgccataccc tcagttaagc atgttaacat ttataggagg aaaaaaatca ctttgggaga     2100
aaataaaatt caactcaagc ataaagcttc tgtttactca ggccttctaa aaagcagggt     2160
aaaatgctct aaaatgagaa agcctgtggg ttcaattatt tatataactc actgggacat     2220
tgccaaatga gtaagcactt aattcgctgc ttctgagact tctctgtcaa aacagcccca     2280
ctgataatat tagacagaac gagaatgcag ggggtctctc cctcccctgg ggtttaggaa     2340
gctcatgagg agctcggtt aaaatgtctt tgatgtctct tcctttgtct caaaaagtaa     2400

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tgtcaatttt	atatactatt	tcaatattac	tatctgcatt	tgttttaata	taaaaatggt	2460
tgctgcctac	ctttttctcc	caaaaaatct	ttaagtaaag	atgatctggg	aaaatgaaaa	2520
aaaaaa						2526

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<210> 7950
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (295)...(451)
<223> similar to gi338423 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7950						
tttcgtggag	gtttgtgcag	gtcctcagcc	ctgtggcgct	cacctcccag	ggctgtggcc	60
tggtgcccta	cccagcgggg	acctgcagaa	ttgtgtcggg	aagttgcatt	tcctgggcta	120
gggcccccca	gcaatcagga	atgagagaaa	tgagaaaagt	atgaccaca	cgcagaactg	180
gttctgaata	gaacatttat	tgacgaagtt	ttgcaggagg	cggcggggcg	tttaattccc	240
gaggctgttg	gtggcagctc	gctgctcacc	ccaagcctgt	taactgctag	gttgccgggtg	300
ctggggacaa	tgcggtatgc	cggccccctg	ccacctcgt	ggtgcccgga	tgggagctct	360
cctgaggaaa	gcgaatctcc	ctgggggtgc	ctccccaggc	agcaatgcca	ggatgcctgt	420
gtccacctcc	ctccaccagg	atggcagcca	ggagcggccg	gtgagcctga	cctctaccac	480
ctcctcgctg	ggctcctcct	gtgacagtcg	cagtgccatg	gaggagccca	gcagctccga	540
ggctcccgc	aagaatgggg	caggctccct	gagaagccgg	catctgcca	acagcaacaa	600
caactccagc	agctggttga	acgtgaaggg	gccccctctc	ccgttcaaca	gccgggagc	660
ggcagggcct	gcacaccaca	agctcagcta	cctggggccga	gtggtgcggg	agatcgtgga	720
gacagagcgc	atgtacgtac	aggacctgcg	cagcatcgtg	ga		762

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<210> 7951
<211> 2120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(526)
<223> similar to gi458960 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7951						
catggctagc	ccagccgcct	cctcggtgcg	accaccgagg	cccaagaaag	agccgcagac	60

gctcgtcatc	cccaagaatg	cggcggagga	gcagaagctc	aagctggagc	ggctcatgaa	120
gaacccggac	aaagcagttc	caattccaga	gaaaatgagt	gaatgggcac	ctcgacctcc	180
cccagaatth	gtccgagatg	tcatgggttc	aagtgtctgg	gccggcagtg	gagagttcca	240
cgtgtacaga	catctgcgcc	ggagagaata	tcagcgacag	gactacatgg	atgccatggc	300
tgagaagcaa	aaattggatg	cagagtttca	gaaaagactg	gaaaagaata	aaattgctgc	360
agaggagcag	accgcaaagc	gccggaagaa	gcgccagaag	ttaaaagaga	agaaattact	420
ggcaaagaag	atgaaacttg	aacagaagaa	acaagaagga	cccggtcagc	ccaaggagca	480
gggggtccagc	agctctgcgg	aggcatctgg	aacagaggag	gaggaggaag	tgcccagttt	540
caccatgggg	cgatgacaat	gtttgccaca	gcctctgcct	ggaacctggc	tcgtgtctgt	600
accagaaggg	aaaggcggct	gtttggctct	ttctcccccg	caaggacctg	ctgacctgct	660
ggatggagag	caaaggagac	ccctcccgag	ccgtccacag	tctgtatth	ggcaggtttg	720
ggagcctgag	gggccatctc	cctgacactc	agaggcactg	ccttgacagc	accatccgtg	780
ctcctggtaa	agggggacag	agagcctcac	cttgccacat	atthgaacag	tgatgagttt	840
ggggctgggt	tctgggaagg	gaacgtttat	ttagtaaaga	gcagaacacc	cttgcgtht	900
gttgggacat	gtggaccgtg	agtcgcaaac	actctggaga	aggctgagat	gccaccattc	960
ccacggggac	tgaagacaca	ttacgtggac	ctgggtcccag	gctcagtgag	gagatggcct	1020
cagctgtggg	gctgggtccat	gttgcccact	cactccagtg	ggaagtgggg	accacgccat	1080
agagggctctg	ctcccactgc	agctcccgg	gctctcgtgt	tctgggaagg	cctgggtgtg	1140
tgacacaagga	ggcccggggc	agggacttca	ccaggggctg	ggtcacaagg	gcacaggggtg	1200
tgtggaaagc	gctgtggggg	aagagccggt	caccggagag	tgagcaggcg	gagactccaa	1260
gctgggctga	gccagagcag	aaggcgaggg	attcccagcc	ggacgggggt	tctctacca	1320
acagctgtga	tttcatcccg	aagtggaaag	gggtctaaac	agaacaggct	gagagaggcg	1380
ggactgggtc	aagtgggtgg	agctcctcct	tgcatgactg	caactgtcgg	ggctttccgc	1440
cggctcacag	cagttggggc	cagcggggag	aagagaggcg	gaactgctgt	gtcctcatgt	1500
ggcgagcct	caaactggca	tccaggcact	gggcccgtgc	agagaaggca	cctgcagaga	1560
gcagggcagc	ccggcgaggg	ggcatgcgcc	tagaatccca	gctactcgga	aggccaaggc	1620
aggaggaccg	cttgagtcca	gggattcaag	gccaacctgg	gcaatagagc	gagaccctgt	1680
ctcttaaaaa	acgatgatga	tgaacacaga	ggacggggca	ctgtgctggg	agccaggggg	1740
cctgggagga	gccgagacca	gcctttttacc	tcggggtht	gaggccaaca	gggacgacag	1800
agacagtht	tagttagagc	cttggtcca	thtttgatg	atthagcccc	gagthcctga	1860
gtctattht	tgcccccttac	gtactthgat	agaactaagg	aaatagtggt	thtgagtga	1920
gggaaaggaa	accagaaac	atthttacgt	gctthttact	ctgtagtgt	gattgccccg	1980
gccccctct	gagccctgta	gcactctgtga	tagcttctgt	cccttcacgc	gttcagtgtca	2040
cagggattht	ctthcccgag	aagcggacac	ggagagtcag	ccctaataaa	tgagcacatg	2100
ccctggctgt	aaaaaaaaa					2120

<210> 7952

<211> 1350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (411)...(900)

<223> similar to gil054752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7952

gcgattgctg	gggctgcagc	gctgcctccg	agaccgcgag	gtgggtggag	cgggtcttcc	60
tggaagggtg	cgataaggcc	gggcgaggtg	cctgggatgc	ttctcccctt	ccgcgaggaa	120

gagatcta	at	tgggtagggc	gggtgtagac	tagcctgccg	agccgcccgc	tggcacctgc	180
agcctcct	gg	gcgcccgcgc	ggccccggcg	agaaaagttgt	taaaggaggc	gaggtgggtg	240
ttcctgggg	t	ccgaggcgcg	cctctcacgc	cctgcccac	agaagccgca	gtcccgtggg	300
gtctggagac		gcagtttct	gttaatgaca	ataaatccct	gctccccctg	cctcagacat	360
ctacgcagcg		aaatcgagcc	tggccttgag	ggtccacacc	gcgagggaag	atgcgtgcgc	420
ccattccaga		gcctaagcct	ggagacctga	ttgagatttt	tcgccctttc	tacagacact	480
gggccatcta		tgttggcgat	ggatatgtgg	ttcatctggc	ccctccaagt	gaggtcgag	540
gagctggtgc		agccagtgtc	atgtccgccc	tgactgacaa	ggccatcgtg	aagaaggaat	600
tgctgtatga		tgtggccggg	agtgacaagt	accagggtcaa	caacaaacat	gatgacaagt	660
actcgccgct		gccctgcagc	aaaatcatcc	agcgggcgga	ggagctggtg	gggcaggagg	720
tgctctacaa		gctgaccagt	gagaactgcg	agcactttgt	gaatgagctg	cgctatggag	780
tcgcccgcag		tgaccaggtc	agagatgtca	tcctcgctgc	aagcgttgca	ggaatgggct	840
tggcagccat		gagccttatt	ggagtcatgt	tctcaagaaa	caagcgacaa	aagcaataac	900
tgaaaaagac		tgctctgtca	gcgatgactt	tatacatcaa	gggggtcttg	ttttgctaga	960
gagtttgggg		tttggtttgt	ggatttcatt	gtgatttata	ataaggctta	ttttcacaga	1020
ataaaaataaa		gcaaaacgag	ggaggatttt	attgggggaa	gtgcagcaag	aactgcctgg	1080
tgtgaagtct		gttcagggaa	cagccgggct	gtcttcctgg	tcagggtattg	tctttcactt	1140
tctttttgcg		tgctgtgttc	tttgcattgc	aggaggcaga	gtccagctcc	agttatctca	1200
agtagagggc		gtttctggtc	gtcaggatac	atgcggggcg	gaaggagac	agaaagacat	1260
aatacacaa		g	agcagacagc	caggaccctt	ggcccggaac	tagatctagg	1320
atggcctctg		agactcagca	gctggagtct				1350

<210> 7953

<211> 1049

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (110)...(748)

<223> similar to gi897693 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7953

cgctggggca	gccggggcag	ccggggcagc	ccggtcaccc	cgcccccagg	cccacactaa	60
gggtgtccgc	ggcctgccct	ccaggcggag	gagcccgagc	tcggaagga	tggagctggc	120
cgccggaagc	ttctcggagg	agcagttctg	ggaggcctgc	gccgagctcc	agcagcccgc	180
tctggccggg	gccgactggc	agctcctagt	ggagacctcg	ggcatcagca	tctaccggct	240
gctggacaag	aagactggac	tttatgagta	taaagtcttt	ggtgttctgg	aggactgctc	300
accaaactcta	ctggcagaca	tctatatgga	ctcagattac	agaaaacaat	gggaccagta	360
tgtaaagaa	ctctatgaac	aagaatgcaa	cggagagact	gtggtctact	gggaagtga	420
gtaccctttt	cccatgtcca	acagagacta	tgtctacctt	cggcagcggc	gagacctgga	480
catggaaggg	aggaagatcc	atgtgatcct	ggcccgagc	acctccatgc	ctcagcttgg	540
cgagaggtct	ggggtgatcc	gggtgaagca	atacaagcag	agcctggcga	tcgagagtga	600
cggcaagaag	gggagcaaag	ttttcatgta	ttacttcgat	aaccgggtg	gccaaattcc	660
gtcctggctc	attaactggg	ccgccaagaa	tggagtctct	aacttcttga	aagacatggc	720
aagagcctgt	cagaactacc	tcaagaaaac	ctaagaaaga	gaactgggaa	cattgcatcc	780
atgggttgat	gtctctggaa	gtgcaaccac	ccaatgtctc	tggaagtgcc	acctggaagt	840
gccacctgga	agtgtctctg	gaagagcacc	caccactgtt	cagccttccc	ctgctgtttc	900
tgtcttcaga	ggcctacaca	ctaccacatc	ctttctaagc	atgtttgcct	gacatccagc	960



tcactcgtct	gcttcctttc	tcgctcccc	catcctgggg	ctgggctggc	cttcttctac	1020
agttcaatat	ggggcagact	aaggaaacg				1049

<210> 7954

<211> 2536

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (115)...(1652)

<223> similar to gi3088575 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7954

cgttgcccaa	cccgggtcccc	gccccagac	acgccgggct	ctcggggcac	cacagccatg	60
tgctcgttag	cgtcaggcgc	taccggcggc	cggggcgctg	tggagaatga	ggaggacctg	120
ccagaactgt	cggacagcgg	ggacgaggcc	gcctgggagg	atgaggacga	tcagatctc	180
ccccacggca	agcagcagac	cccctgcctg	ttctgtaaca	ggttattcac	atctgctgaa	240
gaaacatttt	cacactgtaa	gtctgagcat	cagtttaata	ttgacagcat	ggttcataaa	300
catggacttg	aattttatgg	atacataaag	ctaataaatt	ttattagact	taagaatcct	360
acagttgagt	acatgaattc	catatacaac	ccagtgcctt	gggagaaaga	agagtatttg	420
aagccagtat	tagaagatga	ccttttactt	caatttgatg	tagaagatct	ttatgaaccg	480
gtgtcagtac	ccttctcata	ccccaatgga	ctcagtgaag	atacatctgt	tggtgaaaaa	540
ttgaaacata	tggaagccag	ggcactgtct	gctgaagccg	cattggccag	agcacgtgag	600
gatctgcaaa	aaatgaaaca	atttgctcag	gattttgtga	tgacacacaga	tgtcagaacc	660
tgctcgtcat	ctactagtgt	cattgcggac	ctccaggagg	atgaggatgg	tgtttatttc	720
agctcatacg	ggcattatgg	gatacatgaa	gaaatgctaa	aggacaaaat	acgaacagaa	780
agctaccgag	atttcatata	ccaaaatcca	catatcttca	aagacaagggt	agttttggat	840
gttgggtgtg	gaactggaat	tctctctatg	tttgctgcta	aagctggggc	gaagaagggt	900
cttggaagt	atcaatctga	aatactttac	caggcaatgg	atattataag	actaaataaa	960
cttgaagata	ctattacact	aattaaagga	aagattgaag	aagttcatct	tcctgtagaa	1020
aaagtagatg	ttatcatatc	tgagtggatg	ggctattttc	ttctgtttga	gtctatgtta	1080
gattctgtcc	tttatgcaaa	gaacaaatac	ttggcaaaag	gaggctcggg	ctaccctgac	1140
atttgacta	tcagccttgt	agcagtgaag	gatgtgaata	aacatgctga	tagaattgct	1200
ttttgggatg	atgtctatgg	cttcaagatg	tcctgcatga	agaaagcagt	tattccagaa	1260
gctgttggtg	aagttttaga	tccgaagact	cttatttcag	aaccttggtg	tattaagcat	1320
atagattgcc	atacgacgtc	tatctcagat	ttggaatttt	catcagattt	taccctgaaa	1380
atcacaagga	catccatgtg	cacggcaatt	gctggctact	ttgatataata	ttttgagaag	1440
aattgccaca	acagggctcg	gttctctacg	ggccctcaga	gcaccaaacc	acactggaaa	1500
caaacagtat	ttctactgga	aaaaccattt	tcagttaaag	cagggtgaagc	cttgaaagga	1560
aaggtcacag	ttcacaagaa	taagaaagat	ccacgtttct	tcaccgtgac	cctcacgttg	1620
aataattcaa	ctcaaactta	tggtctccag	tgaacagacc	ataaaagcac	actacctgtg	1680
agttttta	gtgggggtag	agtgggtcag	caggagggag	ctgggtttat	gtgagcagat	1740
ggatggatga	tggaaccttt	cctaattgagc	ctcctcaata	agagagaagt	tctcattgtg	1800
ggaatctgac	atagttcagc	tgaggaagag	aatcagctga	tcctcatggt	ctgccacgta	1860
atcattttct	tagacgtttg	ctccaccaga	tttaaccaa	tgtaactccc	acattgagtt	1920
tatctatatt	gaaaatcatt	tacattggcc	tatatttgga	agagagatag	tcttttgttt	1980
ttaataagtt	tcttactata	aattttaaac	aaattgggta	gttatttgga	tattttatta	2040
aactagtaac	acaggtacta	cacattttat	tatggactcc	tctgaggagg	gagtttttaa	2100

ttgtatttgc	tagaaaaatca	ggatgtaata	aagattttgta	taaaaaaaact	aaaatatgga	2160
aaagagcttc	agccttcata	tacaaatcat	atatgcagac	agcctagtgt	attatctagc	2220
atacttaggg	ttctcatttt	gtagtcttct	ccctctttgt	gactattcct	tagccttata	2280
gatttctagt	actgcccagg	aaatctaatt	tcaatacatt	tatcctaggt	ttcatgaaag	2340
tttttaaaga	ttgggataaa	tatgtactta	tttactaacg	tattatcttt	ttcaaaccag	2400
atztatgtgc	aaagggttaa	catgttaact	gttactaagc	agtctataaa	gttgtcattt	2460
acaattactg	attcaatttg	aaatgtagaa	taaaatttta	ataaaaatgta	tccttataaa	2520
atatttttaa	aatatt					2536

<210> 7955

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (123)...(779)

<223> similar to gi2338290 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7955						
gtcgacgatt	tcgtcagaaa	taggagcgcg	caggcgcgac	gtgcggctcg	cagaacggcg	60
agtagcggag	cgggacccgc	tggaatcatc	atccagggac	gtgccagaaa	ccacaagaaa	120
acatggggag	ggttttcctc	acgggagaaa	aagccaattc	catattaaaa	cgctacccaa	180
gagctaattg	gttttttgaa	gaaataagac	agggcaacat	tgagcgtgag	tgcaaagaag	240
aattctgtac	atttgaagaa	gcaagagaag	cttttgaaaa	taatgaaaaa	actaaggagt	300
tttggagcac	ctacacaaaa	gcgcaacaag	gggagagtaa	ccgaggaagt	gactggtttc	360
agttttacct	tacctttccg	ttaatctttg	gcctcttcat	tatcctcctt	gtcattttcc	420
taatctggag	atgcttcccta	agaaacaaaa	ctcgtagaca	gacagtgact	gaaggccaca	480
ttcctttccc	tcagcacctt	aatattatca	ccccaccccc	cccaccagat	gaagtgtttg	540
acagcagtgg	attgtctcca	ggctttctgg	gatatgtagt	tgggcgctca	gattccgtct	600
ctactcgctt	gtccaattgt	gatccccgcg	caacctatga	ggaagccact	ggccaagtga	660
acctgcagag	gagtgaacaa	gaacctcatt	tagaccacc	cccagagtat	gaggacatag	720
tcaactccaa	ctcagccagt	gccattccta	tggtgcctgt	ggtcaccacc	atcaaa	776

<210> 7956

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (432)...(677)

<223> similar to gil946692 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7956
tttcgtggga gagggccccct actcacggag cgcgcggccc gtgcgcccac gctccgaccg      60
cattcctcag tacgtggcac ccttggaag tgccgtgtctg gtcaatcgaa gagtcctcgt      120
ttcgaccaaaa aaaattcccc tcagaaatat gcatggcacg gcaatgaagg catttcacta      180
tgaagtggaa tgatgattgt ccgaccaggt caggacgaac atatgagggg ttagatctaa      240
gcaggcacta ttaaagacag tcgcatccgg gccctcctgc cgcaagctgc cctcccagcc      300
aagggtcctt caggtaggag gtccctgggtg acttttgaag tccgtagtgt ctcatcgcag      360
ataattttta gcttagggcc tgggtggctag gtcggttctc tcctttccag tcggagacct      420
ctgccgcaaa catgctccgc cagatcatcg gtcaggccaa gaagcatccg agcttgatcc      480
ccctctttgt atttattgga actggagcta ctggagcaac actgtatctc ttgcgtctgg      540
cattgttcaa tccagatgtt tgttgggaca gaaataaccc agagccctgg aacaaactgg      600
gtccaatga tcaatacaag ttctactcag tgaatgtgga ttacagcaag ctgaagaagg      660
aacgtccaga tttctaaatg aaatgtttca ctataacgtg gctttagaat gaaggtcctc      720
cagaagccac atccgcacaa ttttccactt aaccaggaaa tatttctcct ctaaatgcat      780
gaaatcatgt tggagatctc tattgtaatc tctattggag attacaatga ttaaatcaat      840
aaataactga aacttgaaaa aaaaaa

```

<210> 7957

<211> 1552

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1309)...(1080)

<223> similar to gi4914409 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7957
gtccataaac ctcagagtta gggaaagttg agtgtgaccc acaatgccag ctacctagaa      60
actaaggtag atctaggtag tgggattaaa gatatacataa aatcattaaa atgttttctg      120
aaatgtttga agttaactca ttttatttct aggatattgga tttcaacatt ttaatttctt      180
tggaatataa gtcacttttt gcaagctaaa aaatagaatc aaactaaggt gatctagtcc      240
tctaggcatc caggctgata cttggaatca tgagcagaat gatgacatac tacaagggtg      300
tagcaatacg gctataaact ctaaataata accactacat gtttcattag gaaacagcca      360
aaagtccggc cgttaaagga ataactctga gaacatcttg atttacaagg gacaaaatga      420
tgcaaattat atgctgtcca acctactggt gaactggatc agaatggtcc aaggactgtt      480
aaacagagga agtatattaca ttttgaaaac ttgctctgca ggataaaaaa attcctgggt      540
gctgtcagta agaaaagcaag taaaaaaaaat attacagatg aactcactga tctttgattt      600
tactaaggtc ttccactgga acatgaaggt agggataagt gtacaggata atatactcag      660
atatttttaa aataaaactac ttaataataa gaaattagcc ataccacatt gttccatttg      720
ctacaagaac aaattggcaa tgaagactat ttaaaagaaa tgctcagctc tacagagggt      780
ggtggcaggc aacacttttc cattacagaa taacctctat tcttccatga tacatattcc      840
tgtggaaaaa cttgtcaggg cccagggatg aaaaatagag cttgtcctaa ttagctaact      900
gtaggttcac ttaacatctt tgggaaggac ccaaaaaatc tggccattat tttcttaaac      960
atctgcaagc tgcagaattc cttagtcttc agctatagtt tctgctagat atcttaaagc     1020
tgggacagtt ccaactgtgac tcctcctcag ctatgggggtg ggtgctagtc atcaaagctc     1080

```

ggaatgtcat	cataggagta	accacggtag	cctttggatg	catagtaagc	gatgcgcagg	1140
tggtaaaatc	cgggtaggaa	caccagaatg	ccaatgatca	gcactggaac	ggcccgggtct	1200
gccccccctt	tgctgatgta	gcctgacagc	aggagggagc	ctataataat	gagaaaggcg	1260
ccaatcaaaa	acagcacagt	ggcaagtgcg	atggccttat	aagggatctt	aggagggggt	1320
ttcttaaact	gaaggtcaat	gtagccatcg	tctgtgctgg	agagccttga	atatttcact	1380
ttactactgg	ggattccagt	agccaggttg	gtacgggacg	gcatacatac	acgctgacac	1440
agcggagcgc	cgcgccaggc	cgcgcgcaca	cccagagctc	gcccacgggt	ggcagcgccc	1500
aaggttgcac	ggcatggccc	gcttaagtgc	cactcagccg	gccccaggcg	gg	1552

<210> 7958

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (227)...(416)

<223> similar to gi4884128 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7958

ccgggtcgac	gatttcgtgg	aactgcggcg	accatgtatt	tctggtttat	caaaccgcta	60
acaccagtc	taagggcagg	ttctgtccca	ttgttatcac	tatcgaagca	gccgatggag	120
gaggggaggt	ctgagcagag	ggcgggggtg	aggcgtaatg	gccctcgtgc	cctatgagga	180
gaccacggaa	tttgggttgc	agaaattcca	caagcctctt	gcaacttttt	cctttgcaaa	240
ccacacgac	cagatccggc	aggactggag	acacctggga	gtcgcagcgg	tggtttggga	300
tgcggccatc	gttctttcca	catacctgga	gatgggagct	gtggagctca	ggggccgctc	360
tgccgtggag	ctgggtgctg	gcacggggct	ggtgggcata	gtggctgccc	tgctggcatg	420
ccgaattcgc	tatgaacggg	ataacaactt	cttagcaatg	ctggagaggc	aatttattgt	480
gagaaagggt	cactacgac	ctgaaaaaga	tgtacatatt	tacgaagcac	agaagagaaa	540
ccagaaggag	gacttataat	tggctataat	ttataagaat	gttgtcattg	agtgtgtcac	600
ttaaggtctt	agactgcaaa	tctaaccata	tttaatgaaa	tgtcttactg	tacaaaaagt	660
ctaagccaaa	ggttctcagg	ggagaaagca	catgtgcagt	tttaaaacaa	agcagtgcct	720
tgtcccattg	ctgtgatttt	tagtcagact	ttactcagtc	tgaaatgcaa	ttaacattaa	780
aggattaagt	gtgagatttc	gatttatgct	atttgtgtat	cccatactcc	tcccttttaa	840
taaacagttt	ccactgatga	tatgaagggc	cgggtataaag	aagtctttta	atgagtaagc	900
tttcttggtg	agattaaatc	ttacaaatta	tttttaaaac	cttgtgatat	atacaatggt	960
tagctgagtt	ttctaatttt	ctggatgtaa	aacaaaaggt	ttaacctata	cattccttga	1020
gctgttagtg	ctattttaaat	cttttgccct	gtttaggtcc	taaacacttt	tagttgagta	1080
ggatatgagc	ttttttgggt	ctcatatcat	gctttttgcc	ttaatttcag	g	1131

<210> 7959

<211> 3307

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (743)...(3120)  
 <223> similar to gi4886439 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7959
aaaggaaggg agggagggag aaaggagaag ttggtttaga ggccagccgg acgagctttg      60
ggcaccgccc ttaggagggc caccctcaga gtctgacagc aggtgaaggt cctaaatctc     120
cccaaactaa ctggtgtctt ttctcctctt ccaagatgct cttcccaggg gagatgctag     180
ccctttgggt ccttacctcc tgccctcagg agccccggag agaggcagtc ctggcaaaga     240
gcacctgtaa gagagagtgg taacagcgcc ccccagttcc tcacagtcgg cggaagtgct     300
gggcgagctg gtgctggatg ggaccgcacc ctctgcacat cacgacatcc cagccctgtc     360
accgctgctt ccagaggagg cccgccccaa gcacgccttg cccccaaga agaaactgcc     420
ttcgctcaag caggtgaact ctgccaggaa gcagctgagg cccaaggcca cctccgcagc     480
cactgtccaa agggcagggg cccagccagc gtcccagggc ctagatctcc tctcctctc     540
cacggagaag cctggcccac cgggggaccc ggaccccatc gtggcctccg aggaggcatc     600
agaagtgcct ctttggctgg accgaaagga gactgcggtc cttacaacac ccgcaccctc     660
gcaaactctc cccttcactt cgcagcccta tgtggcccac aactcccccc agaggccaga     720
accgggggag cctgggcctg acatggccca ggaggcccc caggaggaca ccagcccatc     780
ggcctgatg gacaaaggtg agaatgagct gactgggtca gcctcagagg agagccagga     840
gaccactacc tccaccatta tcaccaccac ggtcatcacc accgagcagg caccagctct     900
ctgcagtgtg agcttctcca atcctgaggg gtacattgac tccagcgact acccactgct     960
gcccctcaac aactttctgg agtgcacata caacgtgaca gtctacactg gctatggggg    1020
ggagctccag gtgaagagtg tgaacctgtc cgatggggaa ctgctctcca tccgcggggg    1080
ggacggccct accctgaccg tcctggccaa ccagacactc ctgggtggagg ggcaggtaat    1140
ccgaagcccc accaacacca tctcgtctta cttccggacc ttccaggacg acggccttgg    1200
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ctctggggat gtcacggtga tggacctgca ctcaggtggg gtggcccact ttcactgcca    1320
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<210> 7960

<211> 2637

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (273)...(1038)

<223> similar to gi4490902 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7960

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aagcagagtg	caggtcattt	atcttcaggc	tttgagatct	gcgtgggggg	agctgttgca	240
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cctgcctcct	catgttcccc	tccaccacag	cggactgcct	gtcgcggtgc	tccttggtgtg	360
ctgtaaagac	ccaggatggt	cccaaacctt	tcaatcccct	gatttgctcc	ctgcaatgcc	420
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<210> 7961

<211> 1874

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (702)...(1877)

<223> similar to gi5911890 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7961

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gcccggctaa	tttttgtatt	tttagtagag	acgggggttt	cactatgttg	gccaggatgc	180
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ggactgcatg	ttgatgaaac	ctttgcagcc	tggggcgagg	ctctttgagt	ttgcacccca	360
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<210> 7962

<211> 2093

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(1839)

<223> similar to gi5532487 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7962

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<210> 7963

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (85)...(327)

<223> similar to gi2584789 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7963

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&lt;210&gt; 7964

&lt;211&gt; 2244

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (338)...(1997)

<223> similar to gi3288852 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 7964

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gcgtctgaaa	ggggccactg	gcactcaaaa	agagtgaatg	aaatgtgcag	ctcagagtgt	240
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ccgggatctg	tgtgaagtgg	actaaggatt	aagtaggatg	tcaactgaga	cagaacttca	360
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gccaatccgt	gatcccgaag	cgaagaaaa	catttatcag	gttcccacca	gccaaaagaa	1020
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ttttggggac	atgtccacac	cccctgatat	aacctctccc	cccactcctg	caactccagg	1140
tgatgccttt	atcccatctt	catctcagac	ccttccagcg	agtgcagatg	tgtttagttc	1200
tgtacctttc	ggcactgctg	ctgtaccctc	aggttacgtt	gcaatgggcg	ctgtcctccc	1260
gtccttctgg	ggtcagcagc	ccctcgtcca	acagcagatg	gtcatgggtg	cccagccacc	1320
agtcgctcag	gtgatgccgg	gggctcagcc	catcgcagtg	ggccagccgg	gtctctttcc	1380
tgccactcag	cagccctggc	caactgtggc	cgggcagttt	ccgccagccg	ccttcatgcc	1440
cacacaaaact	gttatgcctt	tgccagctgc	catgttccaa	gggtccctca	cccccttgc	1500
caccgtccca	ggcacgagtg	actccaccag	gtcaagtcca	cagaccgaca	agcccaggca	1560
gaaaatgggc	aaagaaacgt	ttaaggattt	ccagatggcc	cagcctccgc	ccgtgccttc	1620
ccgcaaacc	gaccagccct	ccctcacctg	tacctcagag	gccttctcca	gttacttcaa	1680
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tttgaccctt	gtgacttcta	ccacaccatc	gaccaactca	cctccaacc	cagcccctag	1800
acagagctct	ccatccaaat	catcagcatc	ccatgccagt	gatcctacca	cagatgacat	1860
ctttgaagag	ggctttgaaa	gtcccagcaa	aagcgaagag	caagaagctc	ctgatggatc	1920
acaggcctca	tccaacagtg	atccatttgg	tgagcccagt	ggggagccca	gtggtgataa	1980
tataagtccg	cagggccggg	agctaagatt	agcgcaggtc	tgggagccag	agcctctgta	2040
cgcgcagatc	aacagaccta	agaaatagca	tcgatgcgag	ctcgtgggtg	gtgctcaaga	2100
ctggcatgga	catcagcatc	acgacaggct	ctcttgtatt	ctttcacctc	ttcccacaag	2160

```

aaattcatga ttgcccaatg gaactcgctc agaagaggga actaagcatt tttggcaacc 2220
aatggcagaa ataaatggca gcac 2244

```

```

<210> 7965
<211> 847
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (699)...(398)
<223> similar to gi929657 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7965
tttttttttc tgggcttggg gcatttattc aggtttgaga gctgaggagg gcagagctcg 60
cacagctgtg aggcagggct gggccggaca ggagctgctt catccttcaa cagacgctgg 120
cctgggggtga ccagcctcgc cctcccacaa gaagagtcag gccttggggg ccgcggtgtg 180
ctgagtggtc aggcctggggc tgccacccag ggcaggctgc tgaggccag ggcacctcca 240
gtcacatctg ggaagacaat gttgtcatcc gagaggccct gagctctgcc caggcagatg 300
aactggtcca gcgtcccggg aggcagcaac cagctcctgc ccagcaggct gatcctgagg 360
acggccagcc tgctcgtgtg tccacaccgc gtggtccaca gtgaactgcc caggctgggc 420
tgccggtatc agcacataag accatgtgtc acagtgtgtg cctcgagtca tcgcattcca 480
cacctcaaag cggccatcat cacttagctc aaaagtgtcg gtgaaagcgt tcagcagcgc 540
cctgtgtctc ggccctgaagc tgttgcccgc caggcccagg acgaaccatt cccctggaa 600
ctggtttcct tggaagctct gcacggggg cgggagtggc aggggggttg ggggtctgggc 660
ctgcaggact ttcagcaagg agagccacag ccacaggcca cacagcagcc tcacctctggc 720
agcctccact gctcttctc cggtcccggg aaactcccgc cctgtcctct gctcaccctc 780
ccctctctct tcccactctc cgggcaaaga ccttttccca gacacggtcc tgggcgctgg 840
gacgaaa 847

```

```

<210> 7966
<211> 1296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (271)...(940)
<223> similar to gi1063626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7966

```

tgaggggtac	ggagactctg	ggggagggag	acggcagcgg	catggcggcc	gggtgtaaga	60
cgcccgaccc	tcctcttccc	tgtcttcgcc	gccgcccgtg	ctggagtcac	tgggaccctc	120
tagtctgcgt	gtgttagttg	taatcccgcc	gccctcctgt	cagccctccg	ctccgccggc	180
cctccttcct	tcgcccgccg	cagccagccc	gagggtcggc	cggctgtgta	acactctccc	240
acccccacca	ccagcccgcg	ggccagcacc	atggaggacg	tgaagctgga	gttcccttcc	300
cttccacagt	gcaaggaaga	cgccgaggag	tggacctacc	ctatgagacg	agagatgcag	360
gaaattttac	ctggattgtt	cttaggcccc	tattcatctg	ctatgaaaag	caagctacct	420
gtactacaga	aacatggaat	aacctatata	atatgcatac	gacaaaatat	tgaagcaaac	480
tttattaaac	caaactttca	gcagttattt	agatatttag	tcctggatat	tgcagataat	540
ccagttgaaa	atataatacg	ttttttccct	atgactaagg	aattttattga	tgggagctta	600
caaatgggag	gaaaagttct	tgtgcatgga	aatgcaggga	tctccagaag	tgcagccttt	660
gttattgcat	acattatgga	aacatttgga	atgaagtaca	gagatgcttt	tgcttatgtt	720
caagaaagaa	gattttgtat	taatcctaata	gctggatttg	tccatcaact	tcaggaatat	780
gaagccatct	acctagcaaa	attaacaata	cagatgatgt	caccactcca	gatagaaagg	840
tcattatctg	ttcattctgg	taccacaggc	agtttgaaga	gaacacatga	agaagaggat	900
gattttggaa	ccatgcaagt	ggcgactgca	cagaatggct	gacttgaaga	gcaacatcat	960
agagtgtgaa	tttctatttg	ggaaggagaa	aatacaagag	aaaattataa	tgtaaaatgg	1020
taaaaacata	agtagttttt	ttttcaatta	catgttgctt	ccagacatac	ttctctgcaa	1080
cttggtgagc	aacatttttaa	gatgttgagc	ttctgcaata	gatgacactg	atgggttttac	1140
tccttttttt	aaaaacacat	gcgcgcgcac	acacacatgc	tttacaagtt	ttattataaa	1200
ccaagaattt	tggacttgca	aagagggtatt	attgcaataa	tgcacttttc	atacttgaaa	1260
tttatttgta	tgatataaag	ttattacttt	aaacaa			1296

<210> 7967

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3191)...(2506)

<223> similar to gi607130 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7967

aggaggacaa	acagtttaaat	ccagaccaag	aaacaagcaa	actttaattt	ccgagtacac	60
aattatgaaa	ctatgccagt	agcgacctgc	atgtttgtct	catctcttta	gccacttaag	120
ttctcaaaac	actgccaaag	ctttccttct	ctattaaact	cccttaagca	ttactcatac	180
tattattcaa	gtttaagatg	tggcaaatct	ccccaaagtgt	atatggctgg	ttctcttctt	240
ataaatgaat	ccataagaca	gtgtccccta	attcatctct	atcttctcta	acctgcttga	300
ttttctaaaa	ttggaaaaaa	gtaattccgg	tatactaaaa	ccagagcccc	ggtttctcaa	360
catcttcagt	taaatagactt	ttaattcccc	aatcaaggta	taacacacaa	atgttatctg	420
cgctttacag	tatagaactc	tgagtggctg	gtgtcttttg	gttagtgtaa	ccattacaca	480
gcagtatctg	cttgtcacc	cggtcttctt	tagcctcaaa	aaatattcag	aatttgttat	540
gcacatggga	gatttcttac	agcagcacac	tcacttacaa	aaagacccaa	aaaattttat	600
tgctttacaa	caagccagca	acaaacacaa	ctgaatagtt	ataaacatga	cacttctaaa	660
tcctcaaatg	gaattccaag	accagagtgt	gcttctccac	tttaatatga	tttgtaaaaa	720
ctgaaatcca	caacttctgg	caagtacttc	aatattctca	agcagaatca	atacttaaag	780
aggttaaaag	aaaaaactat	tatcaaactg	attgtctgtg	ggatgatcta	atttaaaagc	840
ctttcatgct	tgatcctggc	agtgcattta	ctgcacattt	taagtgacca	tcatgggcac	900

ttttaagaac	ctaacttcac	aaaaagagct	gtcacaagaa	aattgttcta	aaatcccaat	960
gcacagtaac	tcatgcctca	tttcaactgc	tttcctcatg	atgaaaaaat	gtagtcagcc	1020
tttaacttgg	cctgataaaa	gctgtgaaag	gtatgccaaa	tggccccttg	tacaaacagg	1080
aagcccaaat	tgttgatcag	gcaagaaaag	gtgacacttt	tagatacttc	atattattct	1140
ggaaagcact	ttcctttcag	tgggtgcaaa	ataactacgg	attaagtcac	catttttaac	1200
atctcaattc	aatagcaaga	gtttcctggc	acatactctt	agtactacct	gaaaattggg	1260
gcgtgtgggg	aagaccacca	acagtattta	catgacttgc	cccaaactgt	acatttaaaa	1320
catgactggt	gggtagtca	ccaacaacct	gaaatttctt	actctaaaac	acattaccaa	1380
atcccactga	tttattttgt	gtgtgctttc	gtgggttttg	tttttatata	gagatggagt	1440
ctcactttgt	tgcccaggct	gggtctcgaa	tcctgagctc	aagcagtcct	cctgcctcgg	1500
cctcccagtg	tgctgggatt	acaggtgtga	gccaccacgc	ccggcctgac	ttatttataa	1560
ttcactattt	tatctttctt	ccagacaaag	caaagcattt	ttctctaaca	acataatagt	1620
caggattttg	cttattaact	tacgtgggtg	gctttatact	cccagaacaa	atgatctagc	1680
tgactactag	gaaaaagggt	tcatagttta	ggaatatatc	acatcacgtg	ttagttccaa	1740
atgtacatga	agacaatttt	taattgctgc	aatagcagaa	tattaaggca	acatcagaaa	1800
gcagagggtg	tttaaaacac	taagccctac	tccttgcttg	gtggaaaaca	aaatgatggt	1860
actaaatccc	ttaatacaaa	aactttccaa	aataatctgt	tgagcttgac	ttcgcagttt	1920
aatcttttac	agtttgatgg	cagtgagaga	gaacctgcgg	ctataattcc	cttggaacaa	1980
gaattcaaca	tctgatttac	tcacaatgcc	ttaaaataag	gaagggaaaa	tataaaataa	2040
agttttcctt	gcttggcaac	catcttttta	attatctatt	tttatactgt	atccaggcta	2100
tgccctgggt	gtggatggct	aactcgcata	tagaaaatat	caagcatcac	atctggaaga	2160
atcacaaccg	agacaatgaa	cttctcaatc	agtacatcaa	cagtcaagggt	aagcaagaaa	2220
aggactttac	caagaaacta	acatttacac	ttctgacggt	aactgaaata	cactgaatta	2280
caggcatatt	cactgaaaca	acaaaaaaa	ttctgtccat	gtaaaggcta	tattttttac	2340
ccccaaaaaa	gtgtttcaat	tctgatactc	acaccacaac	tggttaagaa	aataaagcgc	2400
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ggcaaccgct	gaggtcagca	aggccaggag	caaggagagc	ctcctatttt	tcaacacaag	2520
ctgctgccgt	ctccttatta	aagccccgga	tggagagatc	atagaccact	tcctctactt	2580
tcttcacgtc	atatttcaat	ccgtcgtagc	gcttctcag	ggagtcattt	ttcagggtga	2640
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caagaatttc	tgtaactgct	tctcgagtca	ctagtgtttc	tgtttccaaa	tacacaacaa	2880
atgctgccaa	gaagaccaag	cgctgcaaca	caaacctcca	gtgctcatga	aatctgtaat	2940
actgttcagc	aggaaatttg	gtcttcaaa	atgttagatg	tgttttttact	gtacccaaaat	3000
gttctcgagc	tttcaaacac	ctctttggaa	tgtcctgaaa	cccagcacc	tgatggaccc	3060
cttgacgtag	agttaaaatc	tctcgagctg	tttgtttctaa	actctgtaca	actttttctga	3120
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tcacagacat	ggcgccggct	gcacaacaat	cagccagtggt	agcaaggggcg	gccaagggaag	3240
tggacgccgc	aggcaaccag	cgcaatcaat	cgcaacggcc	gccgctaccg	ccgcgtcccc	3300
cccccca						3307

<210> 7968

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (30)...(283)

<223> similar to gi5107163 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7968
ggcacgaggt ggcgagcctg acgcgaacaa tggcggagct gggcgaagcc gatgaagcgg      60
agttgcagcg cctggtggcc gccgagcagc agaaggcgca gtttactgca caggtgcatc      120
acttcatgga gttatgttgg gataaatgtg tggagaagcc agggaatcgc ctagactctc      180
gcactgaaaa ttgtctctcc agctgtgtag accgcttcat tgacaccact cttgccatca      240
ccagtcggtt tgcccagatt gtacagaaaag gagggcagta ggccatcccc caggagaatg      300
acagaagcaa aggacttggt actaagcaga tttaaggggtc agtgggggaa ggctatcaac      360
ccattgtcag atcagcatca ggctgttatc aagtctgttg gtgctaaaaa gtaaaagatg      420
aaatgttcaa agagtgaat ttattttattt ggaattcaga aattccaggt tgtatgacat      480
cagttactca ataagtgtga attctccaac tcttctttta atccccatttt agaattttaat      540
atagagatct ctgattggca ggaacactag aaataaatgt tccatggcca gtagtgcaaa      600
tgggggattg taggttttga aaaaccaccc taagccatat taaggggggtt ggaagaacca      660
tcgaagccta aggcatagaa gaaaatttgg ggtaagaaa gatgaagaac aaaaaacagc      720
tttattgctt atacatgacc aagaaaagga aaacatggca aaaaaaaaaa      769

```

<210> 7969

<211> 2861

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2694)...(784)

<223> similar to gi3758819 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7969
tttttttttt ttgatcttct tcaacttggg tttatgtcca tgattcgtgc aaatagctat      60
ccagggatgg acagccaccc taatctgggc ttctggcacc acaggcctcc agctatgggg      120
tccagggtct gaacctcagg gcttggcagc ttcaggctgg cgccctcgg cgagcgtggc      180
tggcatggcc ttctcccatc tgtgatggct tcagcaaggc tactgtgagt ggtggtggag      240
agggcccccag agccagaata tccatcattc tcttctgttc tggagacaaa cccacacttc      300
ccacagctcc tcacagaggg gttaggggtgt gcgtggggca aggtccctgc tacagagctt      360
gaaagcaaaa attaaacaca cacaacaaat tggctatggc aactagaggg cctgaaacca      420
cttccggggag gttttgaagg aaggggggtc tggctgcctc ccactcttag gattgctgct      480
cctggagggt tctgcaacgg atggtgggtc aaagccggat gaggcctctc tccactcagc      540
agcagggaag gagtttttcc cagtcactcc cagcagagta caaatgaaag ctttctgggt      600
ggagcctccc cagtcctgta aacagctcag ttcagggact ggtatacaag ctggccaccc      660
atctcagcct ctcacccagc tgaggctctg gccacaccgt gcaagtggct tctagtttct      720
tggcaatctg agatcagctg gctctgcaag atgaagggtg agccaaatga cacaatctgg      780
tctcactgag gcccctcacg gtcatttttt ggagactctg gttctgtagg cctggctgtg      840
ggaggggtcca tcaactggga gctctgattt ggatttcgaa cccctccaca gggtagacgc      900
caggtgtatt ccggcagatg gaagaggcgc gagttgggga gtgggggagg gtgctccatg      960
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atggctggca tgggcgggta ggcgtagggg taggccccgc agagatgttc tgggtggggc      1080
tccacatggt aacgctctcc tgaggccttt gctttcctct tctgctgtct gagggcttct      1140
cttgcttctt cctcatcttt gaatgctttt agctgggcat ttgacagggt gacctggggc      1200

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tgcagcttct	ccacttgctt	cttcagctct	tccttctcct	cattcatgcg	ctcagcatca	1260
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tgcgtagacca	gctcctgttt	ccttaggagg	gccccgtgct	cttctgggct	cccaaagtct	1380
gttggtggag	atgatggcgg	ggtttgatg	ctcagtgctt	cctccagggc	cttggtgagc	1440
cgtggatct	ccttttcctg	gtactcacgc	tgtcgggtga	gtgggctcag	ctgatcctgc	1500
aggtagttga	ccttttgccg	cagctccttg	gcctctgctg	tcagctgctc	cttgctgggtc	1560
tcctccattt	caatcttgga	cttggccagg	aggagcttgc	ggtcaaagtc	acgctgcttc	1620
tgtcccgcct	cggcctccag	gtcagtcacc	tgcttctgca	aatcagccag	cttctgacgc	1680
agctcagtga	tcttctgctc	atactgctgc	ttcatggacc	ggaaatgctg	gtcccactgc	1740
ttgttcactt	ccagcagctc	actgcgctgc	tgtccagca	tcttcacctt	cttctcggtc	1800
gcgccaagg	ccaccacctc	tgggacctta	cctgccgtca	cactagcctg	ctgctgtcca	1860
gccactgcct	tcttgctgtg	cccttccatc	ttcgggtgagc	ctggccgccc	agacgcaccc	1920
tctttgttgc	cattgctcat	caacaacttc	ttgagctcca	aattttcctc	ccgcagcctc	1980
tcggcagcct	gatcccgtg	ttccaggccc	ttatccaact	tggccttcag	agcctcgctc	2040
tccttccgaa	gctgctcaca	cagggctctgc	agaatggagg	tgcgctgctc	attcttgtgc	2100
accttggtatg	ccagtcgggt	gaactccagg	gccatgcggc	ccaggtgggt	gaagagctgg	2160
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ctctctgggt	aattctgctc	ctcaggagtg	accacttcaa	attcagagga	ggtgccactg	2340
gatggaggct	tctggactgg	tgttggttgc	tcactggggc	atgcaggggc	tgtgggagat	2400
gctgtgacat	ttgagtcctt	tcctgtgagc	tcagccaggg	ggtcgaagga	gcccaggag	2460
ggagaagggtg	gtgggagcag	ctcgttgctc	ttcactagct	cctctgcctt	ctgccggagc	2520
ctggctgctt	ccatctggga	ctcttccaaa	agctccccta	acatctttat	cccttgcat	2580
ttttccttca	gccgggaatt	ctccttcaact	aggcgtcaa	aagctgcgga	tgcctctcct	2640
gagggcacgc	tgccccaggg	gtcgtagatc	cggtagcgtc	ctctcccttc	catgagggtg	2700
gctcagcccc	tgccgtgggt	cccgcctggc	cgaggacggg	gagcttgggg	acacagcgcc	2760
ccgcttgctg	cgtccagccc	cgaatccagg	gacggggcag	cggcccgggc	aaggctccgg	2820
ccccccgtag	cactcctagg	gctcctggac	gggggacgaa	a		2861

<210> 7970

<211> 2426

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (181)...(1125)

<223> similar to gi471976 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7970

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gccgcggctg	ctgccaccgc	cgccaccacc	gcctctgctc	gtggcggtggg	aaaggagggtg	120
tgagtcgccg	gcgcgagccg	gcggcgggcg	cgtctcgggg	gggtcggcgg	tgggaaggcg	180
atggcggatt	tagataaact	caacatcgac	agcattatcc	aacggctgct	ggaagtgaga	240
gggtccaagc	ctggtgaaga	tgtccagctt	caggagaatg	aatcagagg	actgtgctta	300
aagtctcgtg	aaatctttct	cagtcagcct	atcctactag	aacttgaagc	accactcaaa	360
atatgtgggtg	acatccatgg	acaatactat	gatttgctgc	gactttttga	gtacgggtggg	420
ttcccaccag	aaagcaacta	cctgtttctt	ggggactatg	tggacagggg	aaagcagtca	480
ttggagacga	tctgcctctt	actggcctac	aaaataaaat	atcctgagaa	tttttttctt	540

ctcagagggga	accatgaatg	tgccagcatc	aacagaat	atggatttta	tgatgaatgt	600
aaaagaagat	acaacattaa	actatggaaa	actttcacag	actgttttaa	ctgtttaccg	660
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caatctatgg	agcagattcg	gcgaattatg	cgaccaactg	atgtaccaga	tcaaggctct	780
ctttgtgac	ttttgtggtc	tgaccccgat	aaagatgtct	taggctgggg	tgaaaatgac	840
agaggagtgt	ccttcacatt	tggtgcagaa	gtgggtgcaa	aatttctcca	taagcatgat	900
ttggatctta	tatgtagagc	ccatcagggtg	gttgaagatg	gatatgaatt	ttttgcaaag	960
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gccatgatga	gtgtggatga	aacactaatg	tgttcttttc	agattttaaa	gcctgcagag	1080
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atgctttctt	tgccctacat	tctttattct	gcggtgaagt	tgaggcttat	aagttaaaac	2160
aaaggaacta	acttactgtc	caccagttta	tacagaactc	acagtacctt	tgactttttt	2220
aaactaagat	ctgttaaaaa	agaaatctgt	ttcaacagat	gaccgtgtac	aataccgtgt	2280
ggtgaaaatg	aattcagact	tattaaatga	tgaacttggt	aaatcttctc	agtgtctatt	2340
tatcagcaca	atacacacag	gagaactggt	gatggcatat	tgaatagatt	ttcctgaata	2400
aattgctctg	gaaaccaaaa	aaaaaa				2426

<210> 7971

<211> 3983

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(3931)

<223> similar to gi307181 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7971

ccggaattcc	cgagtcgacg	atttcgtgct	gggcggggcg	ggggagctgc	tctcgcgggc	60
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agcctggcgc	cccacgagcg	cggagggcga	ctttgaactg	ggcatcagca	gcaaacaaaa	180
aaggaaaaaa	acgaagacag	tgaaaatgat	tggagtatta	acattgtttc	gatactccga	240
ttggcaggat	aaattgttta	tgtcgctggg	taccatcatg	gccatagctc	acggatcagg	300



tctccccctc	atgatgatag	tatttgagaga	gatgactgac	aaatttggtg	atactgcagg	360
aaactttctc	tttccagtga	acttttccct	gtcgtgcta	aatccaggca	aaattcttga	420
agaagaaatg	actagatatg	catattacta	ctcaggattg	ggtgctggag	ttcttggtgc	480
tgcctatata	caagtttcat	tttggaactt	ggcagctggg	cgacagatca	ggaaaaattag	540
gcagaagttt	tttcatgcta	ttctacgaca	ggaaatagga	tggtttgaca	tcaatgacac	600
cactgaactc	aatacgcggc	taacagatga	catctccaaa	atcagtgaag	gaattgggtga	660
caagggttga	atgttctttc	aagcagtagc	cacgtttttt	gcaggattca	tagtgggatt	720
catcagagga	tggaaagctca	cccttggtgat	aatggccatc	agccctattc	taggactctc	780
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gggccagAAC	aaagagctgg	aaaggatatca	gaaacattta	gaaaatgcca	aagagattgg	960
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tggaaatgca	atgacagttt	ttttttcaat	cctaattgga	gctttcagtg	ttggccaggc	1140
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caaagggaa	ttggagttca	atgatgttca	cttttcttac	ccttctcgag	ctaactgcaa	1320
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aatcattggg	gtggtgagtc	aggagccggg	gctgttttcc	accacaattg	ctgaaaatat	1560
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actgtctacg	gtccgaaatg	cagatgtcat	cgctgggttt	gaggatggag	taattgtgga	1920
gcaaggaagc	cacagcgaac	tgatgaagaa	ggaaggggtg	tacttcaaac	ttgtcaacat	1980
gcagacatca	ggaagccaga	tccagtcaga	agaatttgaa	ctaaatgatg	aaaaggctgc	2040
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ccttaaaaat	tcacaaatgt	gtcagaagag	ccttgatgtg	gaaaccgatg	gacttgaagc	2160
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ttcctatgcc	gggttgtttt	gatttggtgc	atatctcatt	gtgaatggac	atatgcgctt	3000
cagagatggt	attctgggtg	tttctgcaat	tgtattgggg	gcagtggctc	taggacatgc	3060
cagttcattt	gctccagact	atgctaaagc	taagctgtct	gcagcccact	tattcatgct	3120
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tgaaggaaat	ataacattta	atgaagtcgt	gttcaactat	cccacccgag	caaactgtgc	3240
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taaggggact	cagctctcag	gaggtcaaaa	acagaggatt	gctattgccc	gagccctcat	3660
cagacacctt	caaattcttct	tggtggatga	agctacatca	gctctggatc	ctgaaagtga	3720

aaaggttgtc	caagaagccc	tggacaaagc	cagagaaggc	cgcacctgca	ttgtgattgc	3780
tcaccgcctg	tccaccatcc	agaatgcaga	cttaatagtg	gtgtttcaga	atgggagagt	3840
caaggagcat	ggcacgcata	agcagctgct	ggcacagaaa	ggcatctatt	tttcaatggg	3900
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attcaaatta	ttctacccat	ttt				3983

<210> 7972  
 <211> 1381  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (506)...(1176)  
 <223> similar to gi4186040 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7972						
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cctgtcgggt	gactctataa	aaagacagga	gaagctgagg	ctcattcact	cactttgtcc	180
acttcattcc	caagagaagt	gtcgggggga	cctgccaggc	ttaggggaag	ctctgagctg	240
agccccttgt	gcaaagaggc	gagccaccca	gaggcagctg	ttcccttcta	ggcctggaag	300
tgcacatgct	catctacagc	tttcttgga	gaagaaagaa	acaaaaactg	agatttagaa	360
caccaggtct	gtttccactg	gcggccactc	ttgggcactg	gagaccagca	agagctttgt	420
ttttaaagg	ctcttccatg	gcagatatcc	gcagaggcat	cagggctaca	cttaaataaa	480
gggctccggc	tggcacctga	ggagcggcat	ggtgggcacg	ttgatcacca	ccatcctgcc	540
gcactggcgg	aggacagcgc	acgtgggcac	caacatcctc	acggccgtgt	cctacctgaa	600
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atccctgctg	gcgctgcccc	aagacctcca	ggctgcccgc	gccctcatgg	gcctctcctg	720
cctgctctcg	ggcatagcct	gcgctgcgc	cgtcatcggg	atgaagtgca	cgcgctgcgc	780
caagggcaca	cccgcgaaga	ccacctttgc	catcctcggc	ggcaccctct	tcctcctggc	840
cggcctcctg	tgcattgggg	ccgtctcctg	gaccaccaac	gacgtggtgc	agaacttcta	900
caaccgcctg	ctgcccagcg	gcattgaagt	tgagattggc	caggccctgt	acctgggctt	960
catctcctcg	tccctctcgc	tcattggtgg	caccctgctt	tgctgtcctt	gccaggacga	1020
ggcaccctac	aggccctacc	aggccccgcc	cagggccacc	acgaccactg	caaacaccgc	1080
acctgcctac	cagccaccag	ctgcctacaa	agacaatcgg	gccccctcag	tgacctcggc	1140
cacgcacagc	gggtacaggc	tgaacgacta	cgtgtgagtc	cccacagcct	gcttctcccc	1200
tgggctgctg	tgggctgggt	cccggcgagg	ctgtcaatgg	aggcaggggt	tccagcacia	1260
agtttacttc	tgggcaattt	ttgtatccaa	ggaaataatg	tgaatgcgag	gaaatgtctt	1320
tagagcacag	ggacagaggg	ggaaataaga	ggaggagaaa	gctctctata	ccaaagactg	1380
a						1381

<210> 7973  
 <211> 1609  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(1078)

<223> similar to gil922935 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7973

tccgtagtgg	gctaaggggg	agggtttcaa	agggagcgca	cttccgctgc	cctttctttc	60
gccagcctta	cgggcccga	ccctcggtg	aaggggtgcag	tacctaaagcc	ggagcgggggt	120
agaggcgggc	cggcaccccc	ttctgacctc	cagtgccgcc	ggcctcaaga	tcagacatgg	180
cccagaactt	gaaggacttg	gcgggacggc	tgcccgcggg	gccccggggc	atgggcacgg	240
ccctgaagct	gttgctgggg	gcccggcccg	tggcctacgg	tgtgcgcgaa	tctgtgttca	300
ccgtggaagg	cgggcacaga	gccatcttct	tcaatcggat	cgggtggagt	cagcaggaca	360
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acattcgggc	cagacctcga	aaaatctcct	cccctacagg	ctccaaagac	ctacagatgg	480
tgaatatctc	cctgcgagtg	ttgtctcgac	ccaatgctca	ggagcttcct	agcatgtacc	540
agcgcctagg	gctggactac	gaggaacgag	tgttgccgtc	cattgtcaac	gaggtgctca	600
agagtgtggt	ggccaagtgc	aatgcctcac	agctgatcac	ccagcggggc	caggtatccc	660
tgttgatccg	ccgggagctg	acagagaggg	ccaaggactt	cagcctcatc	ctggatgatg	720
tggccatcac	agagctgagc	tttagccgag	agtacacagc	tgctgtagaa	gccaaacaag	780
tggcccagca	ggaggcccag	cgggcccaat	tcttggtaga	aaaagcaaag	caggaacagc	840
ggcagaaaat	tgtgcaggcc	gagggtgagg	ccgaggctgc	caagatgctt	ggagaagcac	900
tgagcaagaa	ccctggctac	atcaaacttc	gcaagattcg	agcagcccag	aatatctcca	960
agacgatcgc	cacatcacag	aatcgtatct	atctcacagc	tgacaacctt	gtgctgaacc	1020
tacaggatga	aagtttcacc	aggggaagtg	acagcctcat	caagggttaag	aaatgagcct	1080
agtcaccaag	aactccaccc	ccagaggaag	tggatctgct	tctccagttt	ttgaggagcc	1140
agccaggggt	ccagcacagc	cctaccccg	cccagtatca	tgcatggtc	ccccacaccg	1200
gttccctgaa	cccctcttgg	attaaggaag	actgaagact	agcccccttt	ctggggaatt	1260
actttcctcc	tccctgtgtt	aactggggct	gttggggaca	gtgcgtgatt	tctcagtgat	1320
ttcctacagt	gttgttccct	ccctcaaggc	tgggaggaga	taaacaccaa	cccaggaatt	1380
ctcaataaat	ttttattact	taacctgaaa	aaaaaaaaaa	agggggggcc	gttttaaagg	1440
atccaagttt	acgtccccgg	gcttgcaagg	tattatTTTT	TTTTTggggc	ccccaaaatt	1500
aaattcccgg	gccgggggtt	aacaacgggg	ggaggggaaa	aaccctgggg	ttaccaaat	1560
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<210> 7974

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2037)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1825)...(566)

<223> similar to gi2431772 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7974
tttttttttt ttaagagatt tacttcatct ttattaacag taccatagta ttccactgtc      60
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tattattaga aaagtgctgc cagaaacatc cttgccatgc ttctgtatgt actgggtgcta      180
gtgttttctat cagataaatt tttagacatg aagtgaatta ctaggcatag gaaatataat      240
ttacactttt gatagatact gagtttttgc tcatttgcta catgaagcag aggcagagta      300
ttctgtgtgg ggtttgggac aggaacactg acccctgaag tcgagcctgg gggcttaaca      360
tagtgggtcat ttgtccagcc tgttttatgg aaggaactgg actctgagct ttggggaatt      420
tcctgcaaga taaatgtata tcccacctat actggttaaca ggtaagttat gcgcaaagat      480
gaaaagacaa agccctagct agatcagctc ttgctctcag cactacaatg gccagcggta      540
attctttcag ttaaaatgac aattaatata gtttcattga agcttcaaac agagcagcca      600
gatectcttc tgactgggga caggggtgcaa gcttggtgac cctttcctgg ggcagcgctc      660
ctttcactag tgcggggata tcagctttgg agtaaccaac agctgctagg ccatcatcaa      720
catccagatc gaataagaat ttccggagcg tgtctgccaa caccagccct gcatcttgga      780
tcctggcagt gcgggtgtcg gctcccagta tttctgccat ctccaggtgt cgctctggaa      840
acatctgggc cgtgaaagtg aacaccgctg gggacgtgag caccacagaa aggccatggg      900
gcaccagtgg gtgatccaca ttgtaatcct ttgctttata catcttcact aaacctgaaa      960
ttgggtaaga cattccatgg cacagatgaa caccagcatt tccaaagccg atgccagcaa     1020
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tcttcagata cttagccacg atccgcagcg cgtggatagc ccaaagtca ctgattgggt     1140
tgctgccctg gtacgcaggc cgtgtgatgg gatttgaagg gcaggggctc cgcaggtggg     1200
agggcagggg ggtgtatgac tccagggcat ggcaaagcac atcaaagcca ctggtggcga     1260
ccactcgggc aggcattgtg aggggtgtgca gaggatcaat cagtcccagt gtgggtttga     1320
tggtctctga agtgatgcca atttttactt tcaagtgttc atagtcaaaa atggcaaccc     1380
cagtagtttc actcccgggt cctgaggtag ttggcactgc aatcagaggc ttaagaggca     1440
cagacacagg ctttcccttg ccaatggggg cactgacata atctaggaaa tcagaatgag     1500
ggctggatgc atacagatta gcagccttac aggtgtccat ggtagagcca ccaccgacag     1560
caacataggc atcaaaaagc cccttttggg caaactcaat agcttccatg aagcttgaat     1620
ccgttgggtc cactctcaca ttatcataaa ccgtaaaagg gatgccattc ttcactaggg     1680
aatccatagc tacttgcaca ggaggagct tggagaggtt cttgtctgtc atcaagcaca     1740
catttttagc acccatgttt tttaggtcca ttcctacttc ctttgaact gctgtccat     1800
atctaataatt tgaacagcc atatactttc ttgacgggaag ggcaatcctg tccctttaa     1860
ctcaataaag gcagcggcca ggtccttctg agtcccggta taattgccta gaacttaaca     1920
tttagaattc ccactccttg gtttacagcc gggtcgaaa aatagaaact cttccttct     1980
cgtcgcattn nnnnatcgtc gncccggcgg ttccgttctt caaacgncag tagtat      2036

```

<210> 7975  
<211> 1309  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1135)...(189)  
<223> similar to gi4929679 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7975
tttttttttt ttttgtctgt ttgacccgac gcattttattg aagagagctc tgtccttctc      60
ccttctaccg agaagaggcg gcttgacagg ctggcacctg cccacacctg ccactggggc      120
tttccttggg ctaggctgag tgggagcaga tgccctcatc ctatgtcggg cctgtgcagg      180
agccatcaca ccaccttggt gatgatgaca cctagttctt caatctcaca ctggacttca      240
tcccccttct tgagaaagac aggagggttc ctgaatacac cgacacctgg ggggggtccca      300
gttaggatga catcccctgg gtaaaaggta acaaactggg agaccaggc tatcagggtcc      360
tctgtcttga ataccatctg gttggtgttg ccgctctgga ccacttcccc attcactcgg      420
cagcagatct ttaagttgtg tggatctgct acactgtcct tggtcaccaa ggcaggggcc      480
agagggcgaga aggtgtcgaa ggtttttccc agcagccatt gtttccatt acgtctcatt      540
tgccagtcac gagcactcac gtcatgagcc acagtgaagc cggccacgtg ggccatagca      600
tctgtggcct tgatgtgctt gcctttcttt ccaatgacca cggccagctc cacttcccaa      660
tctacctcct ggctctgtgg tgggaggacc acctcatcat agggcccccac gatggagctg      720
gcaaacttgc tgaagatgat gggctccttg ggcacgggca cgttctgttc tttgcagtgg      780
tccacataat tcatgcccac acacaccacc ttatctggtc gtgtgactgg agccaggaag      840
gttacctccg accgtggtag gactggcaac tgggcagcca gggctcttct tgccactgag      900
agggtggcct ctccctgtct taggaactgc gtcactgtct tcgggagtgt ggggtcaaag      960
gcattgaggt tgataacccc tccaccattc cctgtctcca ggcccaagtg agggcccacc     1020
aggtgggggt cccggaactg cactagtctc atgtctctgg aggggtgaaa gggccacttc     1080
tgagcctgca gcagaactgt gagtaacctt cttctaccag acaccagcat cagagcctgg     1140
ccgcggcggc cgatcttctt gcgctgtagg gttagagctc gcggggccga aggtcaaggg     1200
cggcgggcgc ctgagcactg ccaccagtga ccgcagccag ccgggggaaat gcagcagctg     1260
ctaaccaggg gccactcggc cggatcaccg gagagaaaag cgggcgcga      1309

```

```

<210> 7976
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(1440)
<223> similar to gil84497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7976
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accctcttct ctccgactag tgcccatggg aatgttgctg aaggcgagac caagccagac      180
ccagacgtga ctgaacgctg ctcatatggc tggagctttg atgctaccac cctggatgac      240
aatggaacca tgctgttttt taaaggggag tttgtgtgga agagtcacaa atgggaccgg      300
gagttaatct cagagagatg gaagaatttc cccagccctg tggatgctgc attccgtcaa      360
ggtcacaaca gtgtctttct gatcaagggg gacaaaagtct ggggtataccc tcctgaaaag      420
aaggagaaaag gatacccaaaa gttgctccaa gatgaatttc ctggaatccc atccccactg      480
gatgcagctg tggaatgtca ccgtggagaa tgtcaagctg aaggcgtcct cttcttccaa      540
ggtgaccgcg agtggttctg ggacttggct acgggaacca tgaaggagcg ttcctggcca      600
gctgttgagg actgtcctc tgccctgaga tggctggggc gctactactg cttccagggt      660

```

aaccaattcc	tgcgcttcga	cctgtcagg	ggagaggtgc	ctcccaggta	cccgcgggat	720
gtccgagact	acttcatgcc	ctgccctggc	agaggccatg	gacacaggaa	tgggactggc	780
catgggaaca	gtaccaccca	tggccctgag	tatatgcgct	gtagcccaca	tctagtcttg	840
tctgcaactga	cgtctgacaa	ccatggtgcc	acctatgcct	tcagtgggac	ccactactgg	900
cgtctggaca	ccagccggga	tggctggcat	agctggccca	ttgctcatca	gtggccccag	960
ggtccttcag	cagtggatgc	tgccttttcc	tgggaagaaa	aactctatct	gggccagggc	1020
acccaggtat	atgtcttctc	gacaaaaggga	ggctataccc	tagtaagcgg	ttatccgaag	1080
cggctggaga	aggaagtcgg	gacccctcat	gggattatcc	tggactctgt	ggatgcggcc	1140
tttatctgcc	ctgggtcttc	tcggctccat	atcatggcag	gacggcggct	gtggtggctg	1200
gacctgaagt	caggagccca	agccacgtgg	acagagcttc	cttggcccca	tgagaaggta	1260
gacggagcct	tgtgtatgga	aaagtccctt	ggccctaact	catgttccgc	caatggctcc	1320
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gcagccaagg	cccttcgcga	accccagaat	gtgaccagtc	tcctgggctg	cactcactga	1440
ggggccttct	gacatgagtc	tggcctggcc	ccacctccta	gttcctcata	ataaagacag	1500
attgcttctt	cgcttctcac	tgaggggcct	tctgacatga	gtctggcctg	gccccacctc	1560
cccagtttct	cataataaag	acagattgct	tcttcacttg	aaaaaaaaaa		1610

<210> 7977

<211> 3305

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3257)...(768)

<223> similar to gi35323 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7977

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gaaaagtttc	tttaataaaa	aagttctagt	acatacacac	gattgtcctc	acccttcac	180
tatagcaacg	caacagggaa	aataaaaaat	aaggggcaac	ctaggcacac	tcagtataaa	240
aacgcagaga	tccatccgaa	tgggagggat	tggggtctgg	aaaccagaaa	tgcaggacgg	300
ccagtgggcc	cagcagctct	gggctgcact	tttgagaac	ttttctctaa	cgttttgaag	360
atagcattaa	aaaaaaaaaa	attaagttgc	accaggaggc	ctaagaaggt	tcccattcca	420
gagagaaaagt	ccactcgtaa	ggtcagtcac	agcaggccca	ggcccaggac	accgggggtg	480
agcaatttta	cggcaggtaa	gaggcttctg	gaaacttggc	ctctgaggca	accctggccc	540
aggtggagag	gttttctagt	ctgaagtcaa	actgccaca	ttcctccatc	ctgaaaggct	600
aaggaagcaa	ccactctaac	gtcagactca	tagcctgtct	ccgccaagtt	gctacggcca	660
cttcctgaca	agctccgaag	tcctcagctg	aagggggaac	tgagaccctt	tggagatgct	720
ctgtggcctg	acgtttggtc	cccagccctg	caggcaggcc	gcctagtcgt	cctccccgcc	780
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cgccttcagg	ttctcaatta	taaagttgcc	gatttcatct	gggttggtctg	gcctaggacg	1020
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cttgatcttc	cgcttctttc	tcaccaacaa	aagcagcacc	agcaggagga	acagcagagc	1260

caggacagcc	cccagcacag	ggaggatgaa	acctcctttc	caggggccag	ggcagggtttc	1320
gacatggcca	tggcagtcgc	acacagtggc	cctgatcacc	gtcagctgct	ctttgttgcc	1380
atggtcagac	agagaaaggt	gcacgtcata	tgtatcctgc	ttcaggaact	tcttcagggg	1440
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cacctggcgc	acagggtctt	ggttgcagat	ggtgatctga	cggggctcag	ggactgggcc	1620
atggtcattg	acatcaatca	gtgttagcag	aagggttccc	gtgccagtgg	tgggagggct	1680
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gacactccct	cgggaaggtgt	cctgggtaaa	cttgggcttg	tggtcattct	ggtcgggtcac	2640
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gaagggaccc	ttgccatttt	cagggacaga	tattggagca	accacccaat	ctctcttggt	2940
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ggagggccgc	cactgcagcc	agcaaacctg	gagaaggagg	agagacgcga	gaggtccacg	3240
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tccgc						3305

<210> 7978

<211> 3817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(1236)

<223> similar to gi2052058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7978

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ggcaggtgag	gacgagctac	aggtgattca	gcctgaaaag	tccgtatcag	ttgcagctgg	180
agagtcggcc	actctgcgct	gtgctatgac	gtccctgata	cctgtggggc	ccatcatgtg	240
gtttagagga	gctggagcag	gccgggaatt	aatctacaat	cagaaagaag	gccacttccc	300
acgggtaaca	actgtttcag	aactcacaaa	gagaaacaac	ctgaactttt	ccatcagcat	360
cagtaacatc	accccagcag	acgccggcac	ctactactgt	gtgaagtccc	ggaaagggag	420
ccctgacgac	gtggagttta	agtctggagc	aggcactgag	ctgtctgtgc	gcgccaaacc	480
ctctgcccc	gtggtatcgg	gccctgcggt	gagggccaca	cctgagcaca	cagtgaagctt	540
cacctgcgag	tcccatggct	tctctcccag	agacatcacc	ctgaaatggg	tcaaaaatgg	600
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aatataatga	aataaatatt	tattttgtga	ctacaattca	aagcattaga	aacattgaga	2700
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ggcagtttgc	gtttactacc	tccctctggc	tgcttatctg	aagttcctgc	atcaggggtc	3780
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<210> 7979
<211> 1345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (157)...(626)
<223> similar to gil60998 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7979						
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tttcttctac	aactaaaatt	cctcaaact	aaaatcaaca	gcttttatgc	ctttgaagtg	180
aaggatgcaa	aaggaagaac	tgtttctctg	gaaaagtata	aaggcaaagt	ttcactagtt	240
gtaaacgtgg	ccagtgcactg	ccaactcaca	gacagaaaatt	acttagggct	gaaggaactg	300
cacaaagagt	ttggaccatc	ccacttcagc	gtgttggtct	ttccctgcaa	tcagtttgga	360
gaatcgagc	cccgcacaag	caaggaagta	gaatcttttg	caagaaaaaa	ctacggagta	420
actttcccca	tcttccacaa	gattaagatt	ctaggatctg	aaggagaacc	tgcatctaga	480
tttcttggtg	attcttcaaa	gaaggaacca	aggtggaatt	tttggaagta	tcttgtcaac	540
cctgaggggc	aagttgtgaa	gttctggagg	ccagaggagc	ccattgaagt	catcaggcct	600
gacatagcag	ctctgggttag	acaagtgatc	ataaaaaaga	aagaggatct	atgagaatgc	660
cattgcgttt	ctaatagaac	agagaaatgt	ctccatgagg	gtttggtctc	attttaaaca	720
tttttttttt	ggagacagtg	tctcactctg	tcaccagggc	tggaagtgcag	tagtgcggtc	780
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caaagcaaaa	atcaagagta	gccaaagaat	caacatgaaa	tatattaact	acttctctctg	960
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tgatgcttg	ttttgtgtac	aggattttgt	tttttctttt	taagtacagg	ttcctagtgt	1260
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cgtattataa	caaaaaaaaa	aaaaa				1345

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<210> 7980
<211> 1292
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (176)...(595)  
 <223> similar to gi5262858 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7980

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gcgtgtgcag	cggcgggcgc	ggaagtggcc	ggcgagccc	gtccccgcgc	gcaccatgct	180
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agtcattctg	acgtccaggg	acggggacaa	gttctggcgg	atgcccaggt	gctacatccg	360
cggcagcacc	atcaagtacc	tgcgcattccc	cgacgagatc	atcgacatgg	tcaaggagga	420
ggtggtggcc	aagggccgcg	gccgcggagg	cctgcagcag	cagaagcagc	agaaaggccg	480
cggcatgggc	ggcgctggcc	gaggtgtgtt	tgggtggcgg	ggccgaggtg	ggatcccggg	540
cacaggcaga	ggccagccag	agaagaagcc	tggcagacag	gcggggcaaac	agtgagegcc	600
caccagacc	ggctgctgcg	ccccctctg	ccagggtggc	gattccgctc	cacagtctcg	660
gacggatctg	ctcagaaagg	aagaggcagg	cgccaggggg	aacccccctt	gtgtttttgt	720
accctccctt	ttaggtgaag	cccccttttc	ttgctaaaac	cggcaattct	ccggttagaa	780
atgttacttg	gtgttttttg	gtttttgtga	acggccgtcc	caaagctggc	tggattccta	840
gaagagtctg	tgttgaaggc	atctttcaag	ccctcgctct	ggttctcagg	gcagcatttt	900
ccaggcgggt	ttgttttgca	tttcttgagg	cctctccgag	cagcaaccag	acgggagatt	960
tttattttta	gctgttcatg	ctgggactga	cagcctgcag	ggtttccttg	ggcgcgggcc	1020
caaaattgcc	ttcaaaacaa	acccgggacg	gttgaaagcc	ttcgaaccgt	gcaggggatg	1080
cctcggggcc	tggcccttcg	cttctctctt	tgtgttatgg	aaataaaaaa	aaataaaaact	1140
acacactgca	catccaaaaa	aaaaaaaaag	ggggggcggt	ttaagggaat	aaatttttaag	1200
acccggggcg	gggcagggaa	atattttttt	aagggggccc	caaaaattaaa	tttcggtgcc	1260
gggtttttaa	aaaggggggg	tgggaaaacc	cg			1292

<210> 7981  
 <211> 1420  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (185)...(984)  
 <223> similar to gi5138906 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7981

gagctgggag	gctgcgagat	ccctaccgca	gtagccgcct	ctgccgcgcg	ggagcttccc	60
gaacctcttc	agccgcccgc	agccgctccc	ggagcccggc	cgtagaggct	gcaatcgcag	120
ccgggagccc	gcagcccgcg	ccccgagccc	gccgcgcgcc	tttgagggcg	ccccaggccg	180
cgccatggtg	aaggtgacgt	tcaactccgc	tctggcccag	aaggaggcca	agaaggacga	240

gccaagagc	ggcgaggagg	cgctcatcat	cccccccgac	gccgtcgcg	tggactgcaa	300
ggaccagat	gatgtggtac	cagttggcca	aagaagagcc	tgggtgttgg	gcatgtgctt	360
tggactagca	tttatgcttg	caggtgttat	tctaggagga	gcatacttgt	acaaatattt	420
tgcacttcaa	ccagatgacg	tgtactactg	tggaaataaag	tacatcaaag	atgatgtcat	480
cttaaatgag	ccctctgcag	atgccccagc	tgctctctac	cagacaattg	aagaaaatat	540
taaaatcttt	gaagaagaag	aagttgaatt	tatcagtgtg	cctgtcccag	agtttgcaga	600
tagtgatcct	gccaacattg	ttcatgactt	taacaagaaa	cttacagcct	atttagatct	660
taacctggat	aagtgtctatg	tgatccctct	gaacacttcc	attgttatgc	caccagaaa	720
cctactggag	ttacttatta	acatcaaggc	tggaaacctat	ttgcctcagt	cctatctgat	780
tcatgagcac	atgggttatta	ctgatcgcat	tgaaaacatt	gatcacctgg	gtttctttat	840
ttatcgactg	tgtcatgaca	aggaaactta	caaactgcaa	cgcagagaaa	ctattaaagg	900
tattcagaaa	cgtgaagcca	gcaattgttt	cgcaattcgg	cattttgaaa	acaaatttgc	960
cgtggaaact	ttaatttggt	cttgaacagt	caagaaaaac	attattgagg	aaaattaata	1020
tcacagcata	acccaccct	ttacattttg	tgcagtgatt	atTTTTTaaa	gtcttctttc	1080
atgtaagtag	caaacagggc	tttactatct	tttcatctca	ttaattcaat	taaaaccatt	1140
accttaaaat	ttttttcttt	cgaagtgtgg	tgtcttttat	atttgaatta	gtaactgtat	1200
gaagtcatag	ataatagtac	atgtcacctt	aggtagtagg	aagaattaca	atttctttta	1260
atcattttatc	tggattttta	tgttttatta	gcattttcaa	gaagacggat	tatctagaga	1320
ataatcatat	atatgcatac	gtaaaaatgg	accacagtga	cttatttgta	gttggttagtt	1380
gccctgctac	ctagtttggt	agtgcatttg	agcacacatt			1420

<210> 7982

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1283)...(2202)

<223> similar to gi1051125 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7982

aatgaagg	gacacccaaa	tagccccaat	acaaatgcct	gttcaatcaa	ccaaacatct	60
aagcagaca	tctatgtgg	agcatattgc	caggccgtga	gactgcgaat	ataaatagga	120
accgcccctc	atctgcaggc	gtcacaacc	tagttagcaa	acagtaaaac	aattaagcgc	180
gccgtggaca	taggcccact	tgtcctggga	aatgagggga	agctgggggt	tgcagtgggt	240
tgattgaagg	gggactacat	gttagaggca	cagactgggt	gcaggtacac	ccaaaggaac	300
gagaagagt	gaaggaaaca	acatccacaa	agtaaccaca	tgctggcgta	tcgaaggccg	360
tgattttacg	ttttgagact	ttacctcgcc	agcaaagggg	ggccagtctg	ttagcgggtgc	420
agattggagg	ggtgacattg	gaagctgtcc	aggaaaaaga	aaatggaact	ggggagcaga	480
aggcctacgc	aagagggcgg	gacagacagg	acttgtgact	agtagctctg	gactgaggaa	540
tcctccctgc	tttctgggtc	gggagagcta	gtggatgatg	gtgccataa	cctggatggg	600
gaaagtaagc	tccctcctgg	aatgcttcat	tcacaacctc	cattttcagc	aacatcccat	660
ctactgggtc	ttcctgggtc	agatacaagt	ttcctgaaac	tgctgctctg	ttttgggcct	720
caccgggcca	acagctcact	agctggcaag	cagtagtatc	aagatggcgg	ccccctagga	780
ctggctagtc	atgtgacctc	gggtttccca	agtttgaagc	ccggcagtcc	tttcgggggc	840
aaggttcacc	tgtcacgaaa	cgagtgtcac	cccttcgact	ctcgcaagcc	aatcggcatc	900
tgagactggg	ccactgcggg	gaggcgatcg	gaagattggg	cctttccagt	cgcttagcta	960
gggccaatca	cggagcgtcc	catacttcgc	gggcccgcgc	gtaggccggg	gagaagcagg	1020

aatatcgtca	cagcgtggcg	gtattattac	ctaaggactc	gataggaggt	gggacgcgtg	1080
ttgattgaca	ggcagatttc	cctaccggga	tttgagaatt	tggcgcagtg	cccgccttag	1140
aggtgcgctt	at ttgattgc	caagtaatat	tccccaatgg	agtactagct	catggtgacg	1200
ggcaggcagc	ttgagctaat	gagtcctccg	tggccggcgc	agctctccac	atgccgggcg	1260
gcggggcccca	gtctgagcgg	cgatggcggc	ggcggcggcg	gcggcagcag	cagcgggggc	1320
tgcgggcggg	cggggctccg	ggccggggcg	gcggcgccat	cttgtgcccg	gggcccgttg	1380
ggaggccggg	gagggggccc	cgggggggcg	aggggactac	gggaacggcc	tggagtctga	1440
ggaactggag	cctgaggagc	tgctgctgga	gcccgagccg	gagcccgagc	ccgaagagga	1500
gccgccccgg	ccccgcgccc	ccccgggagc	tccggggcct	gggcctggtt	cgggagcccc	1560
cggcagccaa	gaggaggagg	aggagccggg	actggtcgag	ggtgaccggg	gggacggcgc	1620
cattgaggac	cgggagctgg	aagctatcaa	agctcgagtc	agggagatgg	aggaagaagc	1680
tgagaagcta	aaggagctac	agaacgaggt	agagaagcag	atgaatatga	gtccacctcc	1740
aggcaatgct	ggcccgggtga	tcatgtccat	tgaggagaag	atggaggctg	atgcccggtt	1800
catctatgtt	ggcaatgtgg	actatggtgc	aacagcagaa	gagctggaag	ctcactttca	1860
tggctgtggt	tcagtcaacc	gtgttaccat	actgtgtgac	aaatttagtg	gccatcccaa	1920
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catcagcaca	acagaccggg	gttttccacg	agcccgtctc	cgcgcccggg	ccaccaacta	2100
caacagctcc	cgctctcgat	tctacagtgg	ttttaacagc	aggccccggg	gtcgcgtcta	2160
caggggcccgg	gctagagcga	catcatggta	ttcccccttac	taaaaaaagt	gtgtattagg	2220
aggagagaga	ggaaaaaaag	aggaaagaag	gaaaaaaaaa	ggaattaaaa	aaaaaaaag	2280
aaaaaacaga	agatgacctt	gatggaaaaa	aaatattttt	taaaaaaaag	atatactgtg	2340
gaagggggga	gaatcccata	actaactgct	gaggagggac	ctgctttggg	gagtagggga	2400
aggcccaggg	agtggggcag	ggggctgctt	attcactctg	gggattcgcc	atggacacgt	2460
ctcaactgcg	caagctgctg	cccatgtttc	cctgccccac	ttcacccctt	tgggggctgc	2520
tcaagggtag	gtgggcgtgg	gtggtaggag	gttttttttt	taccaggggc	tctggaagga	2580
caccaaaactg	ttctgcttgt	tacettccct	cctgtctctc	ctcgcctttc	acagtcccct	2640
cctgcctgct	cctgtccagc	caggtctacc	accaccccca	cccctttttt	cgggctccct	2700
gcccctccag	attgcctggt	gatctatttt	gtttcccttt	gtgtttcttt	ttctgttttg	2760
agtgtctttc	tttgaggtt	tctgtagccg	gaagatctcc	gttccgctcc	cagcggctcc	2820
agtgtaaatt	ccccttcccc	ctggggaaat	gcactacctt	gttttggggg	gttttaggggt	2880
gtttttgttt	ttcagttgtt	ttgttttttt	gttttttttt	tttccctttg	cttttttccc	2940
ttttattttg	agggaaatgg	aggaagtggg	aacagggagg	tgggaggtgg	attttgttta	3000
tttttttagc	tcattttccg	gggtgggaat	ttttttttta	tatgtgtcat	gaataaagtt	3060
gtttttg						3067

<210> 7983

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1031)...(317)

<223> similar to gi5817183 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7983

tttttttttt	ttgcatttca	atagaactag	ctttattttac	ttattttattt	attgtaaaca	60
aaagaaatgg	tttaaaagca	aatgcatata	tgtaccaagg	gatggacatg	acctggtact	120

tacaaaggag	ctgctgtgtc	ataatggaaa	cagcatatta	ggagaaaaat	agtatttcgt	180
gtgctgtctg	cttgagtaat	caatctggag	atgcaagtta	accgaagggtg	ctctgccaag	240
ccatcagcgt	gagaaaaaaa	aaccaccaga	agttgcctcc	agataacgat	gtagtggcag	300
catgataact	ggcatcaact	cacggtcttc	tcattttccc	cattttctat	aattttcctc	360
ttcttttcat	ctattttttt	cttgaagatg	ttatttcggt	aaaactgaag	ctctttgatg	420
ctttcactaa	tgtcatcaag	tgccctatga	gaagcagcct	tctttggtgc	aaattcatat	480
tcttctggat	accagcgtct	gcacagttct	ttaacagtgc	tcacatcaat	tattctataa	540
tgaagatggt	tcatgaactg	gggcatgtat	ttgtcaagaa	acttcttata	ttcatgaact	600
gaatttcctg	caagtggaca	gagccctgga	ggagtctgct	gtcgtacaaa	ggacagaaat	660
tcatactctg	cctgctgcaa	tgtaatgtga	ctctccttca	ctgccttggt	aaggccagac	720
ttcccgatg	gtccttaca	ccaatctgac	atgctgtcca	gcaactcatc	tggttggttt	780
ataatcaggt	taggaccttc	agccaaaatg	ttgagatcag	agtcagttat	cagacaggcc	840
atctcaataa	tctggtcctt	ctcaatgtcc	aatcctgtca	tctccaggtc	caccagacc	900
atccgctgag	ccatgctctc	ccctgccgcc	atggtctgcg	caccttcgcg	gacacctcgg	960
gccccgaacc	gtccgtgact	cccacctaca	ccccgcaaca	gcctggagcc	cagggagccg	1020
cctagcatca	cccgggacca	gcagccacgg	ccccagtctc	gcagccggcg	ctggcgagg	1080
cgcaatagtc	gctaaacgtc	gcaaaccac	ggggaggcgc	acgagcgaat	tccaccgcac	1140
tgactagtgt	ctcgagtttt	caat				1164

<210> 7984

<211> 2935

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2936)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2608)...(915)

<223> similar to gi2865252 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7984

tttttttttt	tcaagaataa	cagttttaac	aaaaatgctg	tcagtaagca	aatgtacctt	60
ggagtgaagt	acagaagatt	tttatgtttc	ataaattatt	cccagggggt	tcagtttggc	120
atacagcaaa	gatacagact	ggattctgag	aacctcctcc	tgccccccaa	atttctctggc	180
tttggcatag	aaagggctac	acagctcttc	catcaagccc	tggcattttc	tacttggtaga	240
gattgatttt	tctacagaag	agctcagatt	ttatctcact	aaaaagacgt	gcttgatttt	300
taaattggaa	atttacaata	ggagtgaat	gaagtgtgag	tagtaaggta	gtgggtgtct	360
gtgtacatcc	tcatgcccaa	ccccagaaga	cattgaagcc	tgaggtatag	cctctaccca	420
ggcattcctc	aggtcctctg	aaggaaactc	cgtcacacaa	gctgagaact	tgtgaattt	480
gaaaagcaat	ttgccctttg	gcatcatcat	ataaagagat	ttacctccag	atgataatag	540
gtgaagacaa	agacttacag	gtggttgatt	gttggttggt	tttaaagcca	actgtgatcc	600
catcaatgta	tttctaagga	aaatgtaaac	tgttcataca	ttctcttaaa	catcacagt	660
aaaagcaagt	acccgtatgt	gtgatagggc	aggcagaggg	ctccacctgc	tctgcccttg	720
gcaaaggccc	ttggctacac	tggtgaaaat	gccagctcgg	cttctgcacg	gatacactat	780
gttggtgcat	ccaactggag	tgccggtgga	ccccaaaggc	agggcagggc	agggggagg	840

ggatattttga	aatgtttttca	ggagctctgt	ccagctgtct	ctgtctttcca	gcccggaaact	900
gctgcacaaa	gctacaagga	cactgatgag	accatggatc	tgctgctgtt	ctctagggaa	960
gacttggctt	ggagtgtggc	tgcctggatt	cgaaagtgtg	tccttgactc	catggagtaa	1020
ttcttgtagt	tttgcttggc	agattccaaa	agttttagtg	cctcttcgtt	tctgtcttgc	1080
tccataagca	gcagggccag	ctccagcagg	gcgtttggga	tcaagtagtg	gtcatattta	1140
atcttctttt	cattggcaga	gatgtctcta	aaattctcct	cggcctcctg	gacacggccc	1200
aggtattttca	gacacaggcc	tttcaacaat	ttcaccaagc	actcgtcatc	cactgagtac	1260
tcgttctctg	ggcctttctc	cagcatctct	tcagccttag	tgataatctc	aagtatccca	1320
tcctgtagtt	tcggctgctt	cccaatcacg	gcgtagccgt	tccagatgta	catcatttcc	1380
agagcaggca	ctggcagcga	gataggggtg	gaggagaagt	agcgcgggga	cttccggatg	1440
gcaaacttct	ctgtgggtag	agacttccca	gcaatcttga	gcttcaggcc	tgccacagct	1500
cgaaataatt	ccacttcgtc	gtccccgaac	ggcttgtggg	cctccttccc	aaacatgctg	1560
aggtaggcgg	ccttcatgta	aatgtagggtg	gccttggacc	agcagttctc	cttgcctgagc	1620
aggtcggcgt	agaagtagga	catcttccac	tggcccttgt	aggtgaagca	ccacatcagc	1680
tcccagtagc	acatgtgggtg	gaactgcttc	cagtgtctgt	gggcctcaca	gcactcctcg	1740
aaacgccgga	tggtctgcac	aatgttgctt	ttaatgactt	caatcctccc	tgcaaggaac	1800
aggaagatgg	cacccttagg	gtaccggctt	aggtagggtt	tcaagagctt	ctcggcctcc	1860
tcgatgttga	cgttcccagt	accgagcacg	aaggtgagga	aggtgtggta	gcacagcagg	1920
agcatgacac	agagcacaga	gcggaagctg	tgccctgacg	ctccctcctc	cagctgcagc	1980
agcccatagt	ccttgtttcc	tgaaaacccc	acaaactcca	acagcctcag	gatcctagta	2040
ggaagcatgg	acagtgtcag	gttgaaggcc	cctacaccaa	gcttcactcc	tccttcaaag	2100
tgcggttggg	tctcaccctt	gcagtattgt	gaggactgaa	caaggctgtc	cagctccttg	2160
taggtctggg	agctgtttcg	aactttgatg	ccgcctttga	tgaagctcac	catgttctcg	2220
tctgtcagga	aggtcagggc	tgctcgctgc	agcaggcact	ttgcatagca	gacctcagcg	2280
tggatttcct	cttcagtgaa	ttggcccagc	gtggggcggt	tcaccaggct	gctgaaggaa	2340
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ttgccggcaa	gcaggatgtc	ctgagggtca	aagggtcatca	tggcctgcat	ctccaggatg	2460
gtggcatatg	tcagttagtg	gtacatgctt	tccttggttc	tggtcttgag	gtagctgagt	2520
gcttctgaga	actggttggg	gaggaagagg	tccagggcgg	tcatgcactg	gtccagggcc	2580
tcattggaggc	tgctctcagg	agtcctccgc	ggcagggntc	cctgggggtg	ccatcttcct	2640
gttcttttga	gggaggattg	aagtcattaa	aggcacattg	atgcagccat	ccgngtcttc	2700
gaggagtgtc	tgtgaggcca	gcagnactgg	aagcagtcca	ccacatgttg	ctactgggag	2760
ctgatgtggg	gcttcaccta	caagggccaa	gtggaagatt	gtctacttct	tacggccgac	2820
ctgctcaaga	aaggagactt	gttgggtccaa	nggccaccta	caatttacia	tgaggccnnc	2880
ctacctcaag	aatgtttggg	gaaggggggg	accacaaggc	cngtnccggg	gagga	2935

<210> 7985

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(753)

<223> similar to gi6017919 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7985

tcggaaaagg	cccacttttg	gggataatgc	tgagggaacac	tatgaaatct	tggaatgata	60
gccagtcaga	tctgtgtagc	actgaccaag	aagaggaaga	agagatgatt	tttgggtgaaa	120

atgaagatga	tttggatgag	atgatggatt	taagtgatct	gcctacctca	ctttttgctt	180
gcagcgtcca	tgaagcagtg	tttgaggcac	gagagcagaa	ggaaagattt	gaagcactct	240
tcaccatcta	tgatgaccag	gttacttttc	agctgtttaa	aagctttaga	agagtcagaa	300
taaattttcag	caaacctgaa	gcggcagcaa	gagcgcgaa	agaactccac	gaaacagact	360
tcaatgggca	gaagctaaag	ctatatTTTT	cacaggtgca	gatgtccggc	gaagtgcggg	420
acaagtccta	tctcctgccg	ccccagcctg	tcaagcagtt	cctcatctcc	cctccagcct	480
ctcccccggt	ggggtggaag	cagagcgaag	atgcatgccc	tggtataaat	tatgatttac	540
tctgtgctgt	ttccaaattg	ggaccaggag	agaaatatga	acttcacgcg	ggaacagagt	600
cgacacccag	cgtgggtggt	catgtctgtg	aaagtgaac	tgaagaggaa	gaagagacaa	660
aaaaccccaa	acagaaaatt	gccagacaaa	ggcgccccga	ccctccgacc	gcagcgttga	720
atgagcccca	gacctttgat	tgcgcgctgt	gaggcccttg	gttgtgggtg	gaggcggtctg	780
ccctgggtggg	ctctggccat	ggcgctctgt	gcctgcggcc	gatgcgttgc	tgcgaaacagc	840
ataggtgaga	ctctgccgag	tgaggtatag	gtctttctac	cacgcctgta	ctgcagacac	900
ggctcgtgtag	agtagcagct	gattttgacct	gtcccagatt	ttaagtgata	ttccaaaagg	960
gactttacat	taaaggagaa	gcccccaaga	tgtggccacc	cttaaccatt	tttaaatagt	1020
aacaaattag	gaaaacagct	ccccctccct	ccagccatgt	aagtcctcct	gattctgtat	1080
cacatgagac	acaaaaaact	ggaaatgtag	tcacaccag	tacagtacca	tttttatgaa	1140
tttaaaaaata	gtcttataat	tttaattgtt	tgtgggtatt	tttctactgg	tataaatagc	1200
ttctaattaa	taaatcgatc	aaaggttggt	actcag			1236

<210> 7986

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (678)...(280)

<223> similar to gi2621798 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7986

agctgtctcc	atttgctaaa	gctataaaca	gttcttgatc	tagtcaattg	caaaatacat	60
ggatggccag	ggcttctgtt	taagcaaaaag	aagaaaaaat	atcaatagca	caaaactgcc	120
cttatagttt	ttgaaaaaat	atatctatta	agataacaat	tttgattttt	ttaataagct	180
gtgcattaaa	gtacactttg	tttccatcac	tctccattac	tctagagctc	cgctttgtct	240
gcctgggccc	ggctggcgac	cccactgcct	ccctcgggcg	tgccactgct	atccgcaggt	300
gtaaaagaca	aggcagccga	atztatgcag	tatcttttcc	cagttggacg	aggcccatca	360
tcaaaaatgt	gccaaggtg	agcaccacac	tgagagcagc	ttgtttccac	cctgtgcatc	420
ccataggaaa	agtcactctg	gaatgtgatt	gcctcagaat	tgatcacatc	gtggaatgaa	480
ggccaacctg	aaccggagtc	aaatttggtt	tctgacttaa	acaatggagt	tccacaaaca	540
acacatttat	atattccagg	atctttgtga	tgtgtgtatt	ctccttcaaa	ggcactttcg	600
gtccctttct	cctgagtgc	atgggtactgc	aggggtgtta	gccgcttcct	cagttcctgc	660
tgggaaaaga	ccacettaca	gttcttttta	tccctacacg	acccggactg	cgcaactccc	720
agagccgcgg	ccaggcagag	gcagaggcag	agggagaggc	agagcgagag	ggggcgcggg	780
agggtccgcc	gcgggctcat	ggaaaggcca	ggcagccacc	gccggtgtca	gaacctcgct	840
ccctccctcc	ccggctc					857

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<210> 7987
<211> 5580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1464)
<223> similar to gi4003528 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7987
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cacctatgaa ccccgtcagc agcagcgagg acatcaagcc cccctgggc ctcaatggcg      420
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ccatctgcgg ggaccgctcc tcaggcaagc actatggagt gtacagctgc gaggggtgca      540
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actgctgat  tgacaagcgg cagcggaaac ggtgccagta ctgccgctac cagaagtgcc      660
tggccatggg catgaagcgg gaagccgtgc aggaggagcg gcagcgtggc aaggaccgga      720
acgagaatga ggtggagtcg accagcagcg ccaacgagga catgccggtg gagaggatcc      780
tggaggctga gctggccgtg gagcccaaga ccgagacctc cgtggaggca aacatggggc      840
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ttttcaccc tggaggagtg gccaagcggg tcccacactt ctcagagctg cccctggacg      960
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cgggcatgct	tggaaagctg	cctgccagga	ccttccaccc	tggggcctgt	gtcagccgcc	4320
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cagcgccacc	caggaaaggc	ggagcggtta	ccagtgtttt	gtgtttattt	ttaatcaaga	4680
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tggtgaaatc	cgggttcgaa	tgaatatctc	aaggcaggag	atgcatctat	tttaagatgc	4800
tttgagcag	acagctttag	ccgttcccaa	tccttagcaa	tgcttagct	gggacgcata	4860
gctaatactt	tagagaggat	gacagatcca	taaagagagt	aaagataaga	gaaaatgtct	4920
aaagcatctg	gaaaggtaaa	aaaaaaactg	ccttttttgt	acaaatgtaa	ttttatccct	4980
catgtatact	tggatatggc	ggggggagg	ctgggactgt	ttcgtttctg	cttctagaga	5040
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ccgtacgatt	gtctctgaaa	catcgtggcc	gcaggtgcca	gggtttgatg	gacagtagca	5340
ttagaattgt	ggaaaaggaa	cacgcaaagg	gagaagtgtg	agaggagaaa	caaaatatga	5400
gcgtttaaaa	tacatcgcca	ttcagttcgt	ttgttccgtg	tggggacttt	tttgtttgga	5460
gcgggagggc	ccgcgatcag	ccccaccag	cccaccctcc	tgtccacctt	acctgccggt	5520
cctgtgcggc	gaggctggca	tcctctgtgg	gccatactct	tgagagttct	ctccctgtcc	5580

<210> 7988  
 <211> 1041  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (956)...(374)  
 <223> similar to gi3136050 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 7988
tttttttttt ttcaacttcc caggatggtt tattccaaag ctgtggacgg tgaacattaa      60
gacgaaagag gtgactcgcg tggaacctga aacacggacg cttttcttcc aagaagggct      120
gtggcgatca ggccactcaa ggcagccagc ccctcagcag ggcacgatgg ctaatgctgc      180
ctggaccgca gggacttttt gttcgatttc aagacaccag actccctctc cttctcaggg      240
tcgaagactt ttgggatctc gtggggccag tagtcgttgc agtgggggca gcgcggttca      300
gcattcgact ggaagtactt ggccacgcag ggtaagtga tcctgatccc acaggtttcg      360
cagctttgac cctggatgag gaggctgtga cagatattgc agatcttcac cgcgtcgggg      420
tacgtctccc ggatgtattg ctccatctcc aggatggccc ggccgtgcag ggtgaactcc      480
ccttccttct caatcagcca cttgttttga acaaacttct gcagcacctg ctccgcttcc      540
ttcttcctca tcttcttgcc tttaagtga tcaaccaggt tcaatatgtt tgtggaagac      600
gcaaagccgg tttctgagtc aataatcagt tccagagcct ttctaaacaa atccagttca      660
ttctctgcaa aatccgtagc cattttggaa attgaagttg tagcaagatt caccaacgca      720
taaatgggtc tcccatcatc ttccgtgact cctctcttta tctcaatata caaggactcc      780
aagacactgt taatgttgtt gatgaagtcc tccaacttat ctacggtggc attgcggtca      840
tggaccttgt agcagtgcgt ctgcaagcgc ttcacgtccc attcctctag cagccatgg      900
gtcatcagca actggaggaa gcgccggtgg acatcagtca tgacgcccac tctccttgtg      960
ctgccctgca tgtgggaacg aacagggagc ccaagcgcac cccaggccgc gctagcggat     1020
acggtcgcaa ggtggactct t                                     1041

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<210> 7989  
 <211> 1101  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (51)...(249)  
 <223> similar to gi4826494 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 7989
tttgatgaca ttcgtccgtg cgggtggaatt cgtggcggat ggagcccgcg atggagccgg      60
agactctgga ggcgcgaatc aatagagcca cgaaccccct gaacaaggag ctcgactggg      120
ccagcatcaa cggcttctgc gacgactca acgaggactt tgaggggcct ccactcgcca      180

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ccccgctgct	ggccccacaag	atccaggtccc	cacaggagtg	ggaggcgatc	caggccttga	240
cggtgagaag	gggagaggcc	accatccgtc	ccccgccatg	tgacgacacc	aagggaggcc	300
aagactgagg	ttcttggggg	ccataaggct	cttcagagcc	caagagagtt	gtgctaagat	360
ggcccaggat	ggagggtccgg	gcctgcccc	aggggtccac	cacagccagc	gggctggcct	420
cccacccag	catccataca	cgtaggcctg	ttgctgaggg	aaggccctct	agggctcatct	480
gggtccagggg	ttctttgtct	cagctgcaca	tcggctgcct	ctccaggaag	cgtgttcaac	540
acatggaatc	aggggtccac	ccagacctgc	cgaggccaca	ctcctggagt	atctgcatcc	600
agagatctgc	acgtttgtaa	agctaagggg	tggtgcttgg	gctcaggcct	gaggttttgc	660
atctgttcaa	tagcagagga	gagaggggtg	tactgtctgt	ggccccagc	atgggccaca	720
taccaacca	ccatggagca	aagctgattt	taagtgggtg	tagagataca	gtttctcttt	780
taatacttac	gtgttttagt	gggtgcagtg	gcttatacct	gtaatttcag	cacttgggga	840
ggccaaggca	ggaggcttgc	ttgaggcaag	gagttcaagg	ctacagttag	ctatgattgt	900
gccactgtac	tccagactgg	acaacagagt	gagaccccat	ctctaaataa	taatcattat	960
tgttacatat	ttgttttaac	atTTTTTct	caagtataac	tagtcctatg	atttcataga	1020
tgtagcttag	gataaggcca	aggtagatgt	tgcctatata	aggttttttt	aaaaaaggaa	1080
aaataggccg	ggctgggtggc	t				1101

<210> 7990

<211> 2051

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1834)...(395)

<223> similar to gi3242791 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7990

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ccaagttttt	gggggcgggg	gtcctttttg	gatccccact	cctgagtgtc	acggggccag	120
gggaaggctg	gagccaaaac	caagtctctg	ggggcggggg	tcctctctgg	atccccacta	180
ctcagctccc	cgggctcccc	atgcagccct	agagacggga	gaagtccagt	gtgccgttcc	240
acctccctcc	aagtcccaag	aaagtgggag	gcagtgttcc	actccagtgt	cgtccagacg	300
aacaagtcca	accagtctgg	aaccctaggg	cggcgtggtc	aggtcggggg	cgggagggcc	360
gggcctggct	ctgtctctgt	ctgtgtccag	gtcacacata	aactgcccgc	cgtgagatga	420
gggagccgtc	cagctgggac	tccatgtcat	cctcgagtgc	tgggggtgga	ggcaacatga	480
ggcctttctc	tgcttctctc	tcctcctcct	cctcctcctc	atccttgcca	tctggttcca	540
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tcggatcgta	gaatcccccg	tcgccactgg	ctcctcctcc	tgctcctcca	gggctcttcc	660
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tcccggccca	gctctccccg	cccggctcgg	caccccggc	ctctcgctca	gctccggcgg	2040
ttcgctcgtg	c					2051

<210> 7991

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(993)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (86)...(535)

<223> similar to gi3878799 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7991

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ctgtaagggc	gcgacggtgg	aggccgaggc	ggcgctgcag	aacaagggtg	tggcactgta	180
cttcgcggcg	gcccgggtcg	cgccgagccg	cgacttcacg	ccgctgctct	gcgacttcta	240
tacggcgctg	gtggccgagg	cgcggcggcc	cgcgcccttc	gaagtgggtc	tcgtgtcagc	300
cgacggcagc	tcccaggaga	tgctggactt	catgcgcgag	ctgcatggcg	cctggctggc	360
gctgcccttc	cacgaccctt	accggcatga	gctgaggaag	aggtacaacg	tcacagccat	420
ccccaaagctt	gtgatttgtg	aacaaaatgg	ggaggtcatc	accaacaaag	ggcggaagca	480
gatccgggaa	cggggggttg	cctgcttcca	ggactgggtg	gaggcggccg	atatcttcca	540
gaatttctcc	gtttgaagtg	ggagggacct	cagagggcca	ggacaggtgc	tgcttctcca	600
gcaccgacgc	tggggcaaa	aggagcatgt	tgggttcctt	cctctgttgg	tgtgatttca	660
ttgtatttca	gagcagaagc	actaagctgt	ggtcaaaaag	caactattgc	tcaggaaata	720
atacactcca	tattttgatc	atgcaggctg	tttgtattat	agttattttt	gttattcttt	780
gcataccttt	atccacctgt	gcttaaggaa	ggatcctcat	atgttcatac	tgagctggtg	840
gaaatctatg	caagacattt	atgtgtacaa	gtctcttcag	gtaaaataat	atattttattg	900
ataacatttt	ctggcgatct	gtttatttta	atggtatgct	ttcacaacta	tcttaataaa	960
gtttgcaagc	tgtgtacttt	anaaaaaaaaa	aa			992

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<210> 7992
<211> 1437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (107)...(893)
<223> similar to gi4008517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tcacttccct gatattgata agaaaattcc tgtaaagctg ttccctctgc ctctcctcta      180
cgttggaaac cacataagtg gattatcaag cacaagtaaa ttaagcctac cgatgttcac      240
cgtgctcagg aaattcacca ttccacttac cttacttctg gaaaccatca tacttgggaa      300
gcagtattca ctcaacatca tcctcagtggt ctttgccatt attctcgggg ctttcatagc      360
agctgggtct gaccttgctt ttaacttaga aggctatatt tttgtattcc tgaatgatat      420
cttcacagca gcaaatggag ttataccaa acagaaaatg gacccaaagg agctagggaa      480
atacggagta cttttctaca atgcctgctt catgattatc ccaactctta ttattagtgt      540
ctccactgga gacctgcaac aggctactga attcaaccaa tggaagaatg ttgtgtttat      600
cctacagttt cttctttcct gttttttggg gtttctgctg atgtactcca cggttctgtg      660
cagctattac aattcagccc tgacgacagc agtggttgga gccatcaaga atgtatccgt      720
tgcctacatt gggatattaa tgggtggaga ctacattttc tctttgttaa actttgtagg      780
gttaaatatt tgcattggcag ggggcttgag atattccttt ttaacactga gcagccagtt      840
aaaacctaaa cctgtgggtg aagaaaacat ctgtttggat ttgaagagct aaagagtctg      900
cagcaggatt ggagactgac ttgtgactgc gggctggggg ggcattccca gtaggaatgt      960
gaagccagag gtttcggatt cgtgacatcc acccctggg caagtgagag catctgcaa      1020
atgcaaagag aactacctca tatgcaggat gagccaatgg cagtctcaag aaatgtactc      1080
gggcgacacc ttacctgtgg aaagcaaatc ttttcaaaat aagccactgg gactcggtag      1140
gtggagcccc agctgctctt ctagggacct atggggcctt cgtggcatct ctgtgctgtg      1200
tgctggggag gaggttgatg taatggtgac tcttttctga tcagcacctt ggccgtgatt      1260
cccaaggtcc cagccaaagc aaagggccag ttgtttcagt ttaaacagac atgtcttttag      1320
tctaataaaa ttagttaact gccagtaaag ttatttgta gctttgatga aagctatgtt      1380
ggtatctttc cctaatacatc aaagtaaata aaaaatcatt tctaaaaaaa aaaaaaa      1437

```

```

<210> 7993
<211> 2048
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(1159)
<223> similar to gi4884175 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

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<400> 7993
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cggccccgttc cgtgtcgccc cgagtgctg cggccgcccgc ggcaccatgg ctgtgtttgt 120
cgtgtcctctg gcgttggtgg cgggtgtttt ggggaacgag tttagtatat taaaatcacc 180
agggtctgtt gttttccgaa atggaaattg gcctatacca ggagagcgga tcccagacgt 240
ggctgcattg tccatgggct tctctgtgaa agaagacctt tcttgccag gactcgcagt 300
gggtaacctg tttcatcgtc ctcgggctac cgtcatggtg atgggtgaagg gagtgaacaa 360
actggctcta cccccaggca gtgtcatttc gtaccctttg gagaatgcag ttccttttag 420
tcttgacagt gttgcaaatt ccattcactc cttattttct gaggaaactc ctgtgtttt 480
gcagttggct cccagtggag aaagagtgtg tatggtaggg aaggcaaact cagtgtttga 540
agacctttca gtcaccttgc gccagctccg taatcgccgt tttcaagaaa actctgttct 600
cagttcactc cccctcaatt ctctgagtag gaacaatgaa gttgacctgc tcttctttc 660
tgaactgcaa gtgctacatg atatttcaag cttgctgtct cgtcataagc atctagccaa 720
ggatcattct cctgatttat attcactgga gctggcagg tgggatgaaa ttgggaagcg 780
ttatggggaa gactctgaac aattcagaga tgcttctaag atccttgttg acgctctgca 840
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tgtcaagtca tttgacacct ccctcattag gaagacaagg actatccttg aggcaaaaca 960
agcgaagaac ccagcaagtc cctataacct tgcataatag tataattttg aatattccgt 1020
ggttttcaac atgggtacttt ggataatgat cgccttggcc ttggctgtga ttatcacctc 1080
ttacaatatt tggacatgg atcctggata tgatagcatc atttatagga tgacaaacca 1140
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gctgttttgt taaaatatat ctttttagtgt gctttaaagt agatagtata ctttacattt 1260
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gaattatagt attgacgtga atcccactgt ggtatagatt ccataatatg cttgaatatt 1380
atgatatagc catttaataa cattgatttc attctgttta atgaatttgg aaatatgcac 1440
tgaaagaaat gtaaaacatt tagaatagct cgtgttatgg aaaaaagtgc actgaattta 1500
ttagacaaac ttacgaatgc ttaacttctt tacacagcat aggtgaaaat catatttggg 1560
ctattgtata ctatgaacaa tttgtaaatg tcttaatttg atgtaaataa ctctgaaaca 1620
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agtttttgaa ctgtatctga gtaacagagg acagctgttt ttttaaccctc ttctgcaagt 1740
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tagccttggt gagtatatag atgcttttca ttatacacac aaaaatccct gagggacatt 1860
ttgaggcatg aatataaaac attttttatt cagtaacttt tccccctgtg taagttacta 1920
tggtttgtgg tacaacttca ttctatagaa tattaaagtgg aagtgggtga attctacttt 1980
ttatgttgga gtggaccaat gtctatcaag agtgacaaat aaagttaatg atgattccaa 2040
aaaaaaaa
```

<210> 7994

<211> 1870

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (323)...(1173)

<223> similar to gi5708202 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7994
tcgatacgac tttttttttt tttttttttt ttccggtagg tcgccagctg aggcgggttg 60
taagttttgg gtcgcagtat gctagaattt tgaggctccc ttctgatgaa aattgagctg 120
tccatgcagc catggaaccc gggttacagc agtgaggggg ccacggctca aggctggagt 180
gcagtggcat gatcttggct cactacaacc tccaccttct gggctcaagc agtcctccca 240
cctgagcctc tcaagtagct gggacttcag gcacgcacca acacaccag aaacttacac 300
atgtccaaaa atgattgaga tggagcaggc ggaggcccag cttgctgagt tagacctgct 360
agccagtatg ttccctgggtg agaatgagct catagtgaat gaccagctgg ctgtagcaga 420
actgaaagat tgtattgaaa agaagacaat ggagggggcg tcttcaaaaag tctactttac 480
tatcaatatg aacctggatg tatctgacga aaaaatggcg atgttttctc tggcctgtat 540
tcttcccttt aaatacccg ggttctgcc tgaaattact gtcagatcag tattattgag 600
tagatcccag cagactcagc tgaacacaga tctgactgca ttcctgcaaa aacattgtca 660
tggagatggt tgtatactga atgccacaga gtgggttaga gaacacgcct ctggctatgt 720
cagcagagat acttcatctt caccaccac aggaagcaca gtccagtcag ttgacctcat 780
cttcacgaga ctctggatct acagccatca tatctataac aaatgcaaaa gaaagaatat 840
tctagagtgg gcaaaggagc tttccctgtc tgggttttagc atgcctggaa aacctgggtg 900
tgtttgtgtg gaaggcccac aaagtgcctg tgaagaattc tgggcaagac tcagaaaatt 960
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tgaaacggaa agacaaagga aattttccat ttttgaagaa aaagtgttca gtgttaatgg 1080
agccagggga aaccacatgg actttgggtc gctctatcag ttcttaaaca ccaaaggatg 1140
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aaaagtatct tgccactggt ggccctttga ttttttttcc cacttttttc ttgaaagatt 1260
aagtaatttt atttttagtt cattctagaa tgttggggag tggggcacaa gaaaaaatag 1320
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ttacaacctt aaaattgttg ttagatattt ccttcacatt accagctgcc ccattttgaa 1440
aaagaaatta tcccataaag gtaatgttgg tgctccaaat ttgcccagcc cattccccaa 1500
cccccttct ccccttacct gcccttcacc taaagaaccc cagaaaagct aattgctccc 1560
cctttcagcc tctgttgcaa ctaacaactc tcagtggcct caggacacag ctttggcctt 1620
ggggaattct gggaaaactt ttacttcctg attaaagata catatgcagt taggccacct 1680
cctccccccc ttactgccat aaacaccaa gtgatgactg gagctggagg agttatttga 1740
accacgacgg aagggccaag agaaccacga agatgccagt tgccacattg ttgagctgct 1800
gaccaaacac cagccattgc ctgtctctaa acatcttatg aaataaaaacc agttttgttt 1860
aaaaaaaaaa 1870

```

<210> 7995

<211> 5449

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5450)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (226)...(1124)

<223> similar to gi3413926 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7995

aggaaccaag	cccccaacat	ggccggccccg	gcggaggagc	ggatggctga	ggaaggaggc	60
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ccgcccgcgc	cacagacccc	gcagccgggg	tcccaggcgc	tcccagcccc	cgcgctggct	180
ccggaccagc	tgcctcaaaa	caacacgctt	gtggcgctgc	ccatcgtagc	catcgagaac	240
atcctcagct	ttatgtccta	cgacgaaatt	agccagctcc	gcctggtttg	taaaagaatg	300
gacttggtct	gccagagaa	gttgaatcag	ggatttctga	aagtggagag	gtaccataat	360
ctatgtcaga	aacaagttaa	agcacaactc	ccaaggagag	agtcagaaag	gagaaaccat	420
tcattagctc	gtcatgcaga	cattcttgct	gctgttgaaa	caaggctgtc	actattaaat	480
atgactttca	tgaatatgt	ggattccaat	ctctgttgct	tcattcccagg	aaaggtgatt	540
gatgagattt	atcgtgtgtt	gagatatgtc	aattctacca	gagccctca	acgagctcat	600
gaagtacttc	aagaattaag	ggatatatcc	tctatggcaa	tggagtactt	tgatgaaaag	660
attgttccaa	ttttaaagag	gaaattacca	ggatcagatg	tttctggaag	actcatgggc	720
tctcctccag	ttccaggacc	gtctgcagcc	ctaacaacaa	tgcagctctt	ctccaagcaa	780
aatccttcaa	gacaagaggt	taccaaactc	cagcagcagg	ttaaaacaaa	tggtgctggc	840
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cagcttcaag	accaggacca	gaaactgcta	gagcagaccc	agatcatagg	tgaacaaaaat	960
gcacggttgg	cagagctaga	acgcaaacta	cgagaagtaa	tggaaagtgc	tgtaggaaat	1020
tcctcaggg	ccgggcagaa	tgaggagtct	cctcggaac	gaaaaaggc	cacggaagcc	1080
atagactctc	ttaggaaatc	taaacgtctt	cggaaatagaa	agtaaatgg	aatgtggttc	1140
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agcaacatgg	tgctccctaa	gcttctaggc	tttcagaaca	caacttaaac	ttgaactctt	1260
atggttgga	cattcttttc	ctgcttctcc	tgattgaact	gatgcacaga	atctttttac	1320
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tttaagtcac	ctttttgtta	taagtacact	ttgtctggaa	tgtctgaaaa	gtagttaaat	1620
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caattatcac	tgtcttagtt	gtattttta	ttactaaatt	atgtagctat	ttgactgta	2520
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atagtattta	gccatattag	catatcttta	gaggaggcct	ggtggaatac	ccggggcctc	3060
tactagtctg	tttttccggt	cataggaaga	cttttttttt	tacgtatcaa	agtatgtgtt	3120
tacagattta	cagagtgtga	tccgtatgca	tcaaagggat	acagccccag	actgtttctt	3180



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attttaattt	aatgtaatgt	aaatctcata	cttgggtgat	agcacattct	tatatcctgc	4680
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gtttggaaat	ggctgatttc	tgatatgaaa	cccaacttga	tacactgttt	ggttctttga	4860
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ctggaatttt	aattgttata	accgaatcaa	ttattggaaa	gtgaaaaaca	cctcccggtc	5400
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<210> 7996

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (61)...(1471)

<223> similar to gi5042232 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7996
cgcccgggca ggtgagaaat tggagaagat aaaactggac actggggaga ccacaacttc      60
atgctgcgtg ggatctccca gctacctgca gtggccacca tgtcttgggt cctgctgcct      120
gtactttggc tcattgttca aactcaagca atagccataa agcaaacacc tgaattaacg      180
ctccatgaaa tagtttgtcc taaaaaactt cacattttac acaaaagaga gatcaagaac      240
aaccagacag aaaagcatgg caaagaggaa aggtatgaac ctgaagttca atatcagatg      300
atcttaaatg gagaagaaat cattctctcc ctacaaaaaa ccaagcacct cctggggcca      360
gactacactg aaacattgta ctcaccaga ggagaggaaa ttaccacgaa acctgagaac      420
atggaacact gttactataa aggaacatc ctaaatgaaa agaattctgt tgccagcatc      480
agtacttgtg acgggttgag aggatacttc acacatcatc accaaagata ccagataaaa      540
cctctgaaaa gcacagacga gaaagaacat gccgtcttta catctaacca ggaggaacaa      600
gaccagcta accacacatg tgggtgtgaag agcactgacg ggaaacaagg cccaattcga      660
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gatctctatt tgggtgctgga taatgccttt tataagaact ataatgagaa tctaactctg      780
ataagaagct ttgtgtttga tgtgatgaac ctactcaatg tgatatataa caccatagat      840
gttcaagtgg ccttggtagg tatggaaatc tggctgatg gggataagat aaagggtgtg      900
cccagcgcaa gcaccacgtt tgacaacttc ctgagatggc acagttctaa cctggggaaa      960
aagatccacg accatgctca gcttctcagc gggattagct tcaacaatcg acgtgtggga     1020
ctggcagctt caaattcctt gtgttcccca tcttcggttg ctgttattga ggctaaaaaa     1080
aagaataatg tggctcttgt aggagtgatg tcacatgagc tgggccatgt ccttggtatg     1140
cctgatgttc cattcaacac caagtgtccc tctggcagtt gtgtgatgaa tcagtatctg     1200
agttcaaaa tcccaaagga tttcagtaca tcttgccgtg cacattttga aagatacctt     1260
ttatctcaga aaccaaagtg cctgctgcaa gcacctattc ctacaaatat aatgacaaca     1320
ccagtgtgtg ggaaccacct tctagaagtg ggagaagact gtgattgtgg ctctcctaag     1380
gagtgtacca atctctgctg tgaagcccta acgtgtaaac tgaagcctgg aactgattgc     1440
ggaggagatg ctccaaacca taccacagag                                     1470

```

<210> 7997

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(419)

<223> similar to gil200085 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7997
tcagccggac accagaagac aagcagagag actcctccag acccactcag accacgtgca      60
cgccctccaa gatggtatcc cgtaaggctg tggctgctct gctgggtggg catgtagctg      120
ccatgctggc ctcccagacg gaagccttcg tccccatctt cacctatggc gaactccaga      180
ggatgcagga aaaggaacgg aataaagggc aaaagaaatc cctgagtgtg tggcagaggt      240
ctggggagga aggtcctgta gaccctgcgg agcccatcag ggaagaagaa aacgaaatga      300
tcaagctgac tgctcctctg gaaattggaa tgaggatgaa ctccagacag ctggaaaagt      360
acccgccac cctggaaggg ctgctgagtg agatgcttcc ccagcatgca gccaaagtgt      420
ggccacgctg gggagaaggt ggacagattt gggaggcccc tctgccc aa gtgaggccct      480
gggaatttac agagcctgcc agctgggctt ggaagggaaa caccctttcc aaagcaaatt      540
cccctccagc aaataaagca tgaaatatac ag                                     572

```

```

<210> 7998
<211> 5271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (179)...(3473)
<223> similar to gi34366 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7998
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cagaaaggga gcctctgcga ctcattcatc gccctccagg actgactgca ttgcacagat      180
gatggatatt tacgtatggt tgaacgacc atcctggatg gtggacaata aaagaatgag      240
gactgcttca aatttccagt ggctgttata aacatttatt cttctatata taatgaatca      300
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cttgaatttg tctgctgatt tctcaacctc tacattatac ctaaagtgga acgacagggg      660
ttcagttttt ccacaccgct caaatgttat ctgggaaatt aaagttctac gtaaagagag      720
tatggagctc gtaaaattag tgaccacaaa cacaactctg aatggcaaag atacacttca      780
tcactggagt tgggcctcag atatgccctt ggaatgtgcc attcattttg tggaaattag      840
atgctacatt gacaatcttc atttttctgg tctcgaagag tggagtgact ggagccctgt      900
gaagaacatt tcttggtatc ctgattctca gactaagggt tttcctcaag ataaagtgat      960
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tcgtaatatt tctgtttctg caagtagtgg aacaaatgta gtttttacia ccgaagataa     1140
catatttggga accgttattt ttgctggata tccaccagat actcctcaac aactgaattg     1200
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gtgtaactcg tctcggtcgg aaccatgcct tatggactgg agaaaagttc cctcaaacag     2220
cactgaaact gtaatagaat ctgatgagtt tcgaccagggt ataagatata attttttct     2280

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gtatggatgc	agaaatcaag	gatatcaatt	attacgctcc	atgattggat	atatagaaga	2340
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aatttggaa	gaaatgcaat	tcattttgtg	catacatagt	atattaaaac	tatataatag	5220
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<210> 7999

<211> 3102

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (316)...(835)  
 <223> similar to gi3970850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7999

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ccgtgttgt	ttgtgggttc	cagcttcctg	gggctggaa	ctttccctga	gtccttccca	360
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taccagtctg	acattcccag	cagcctcctg	acttcagaga	agtctaccgc	ctgcctccca	480
agccagatgg	caccagcagg	tcacctggac	cccactcaca	atcctgggac	cccaggacta	540
cacacctcca	accttggggc	ccctccaggt	cccagctgc	accattcaaa	ccctccccc	600
gcgtcccggc	agtccttggg	ccaagcgagc	ttaggacct	cgggtgaact	ggccttcagt	660
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gctctggacc	tgctcccggg	actgaccaac	cctgatgagc	tactgtccta	cttgggccc	780
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gaagcccatc	ctcagaagac	tggagaaatg	attgaggaat	gcatgggcac	cgtaggcctg	3000
tgctccatca	caaacacctc	tcagaaacaa	cgtaggatga	aaaagcaaga	cagttcatac	3060
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<210> 8000

<211> 1746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (116)...(968)

<223> similar to gi31647 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8000

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ctggacaggt	ttgtacacct	tgtcagtg	cgtagaccg	cattctactg	ccattggccg	180
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<210> 8001
<211> 1849
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1676)...(148)
<223> similar to gi473407 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8001
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aaaaattctt gatttctcta aaacactaag atgctatctc aatagagatt gcttcacatt      180
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ctgatggaaa cagcactgtg aatctactgg ctcttgattc gtccacaccc ttaactaaaa      480
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caagcttaaa caccaaaata ttgctttttc cagtagggga gtcttgcca attccataag      1140
caagaagagc tgcagacggt tcgtgaatta atcgcaaaac attaaatcca gcagctctag      1200
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catcatttgc atctgagccc aatacagaat gtgccgtttc tttcatttta ctaaataatca      1320
gtctggcaac atcttctggg ttaacaaatt ttgtttcttc tccagtatct atttcatatc      1380
gtaatttccc atttttttca atgactaaac attttacttt cgcgatgtat ttctgagctt      1440
gtggatcact ggagcttctg ccaggatctt gctttacttt cattactgta tttgaaatat      1500
ttcttattct actttgtttt gctgccaatc caacaatctc ttcattttct gagtaagcaa      1560
caacagctgg agtaactcgg tcaccggcat catttgcaac cacaccagcc cggccatcct      1620
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caacggcccc atcaggcacc gcggagcttc acgttccgcg cagccccctg cgtccggtcg      1800
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<210> 8002
<211> 2095
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (852)...(1078)
<223> similar to gi406263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8002
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gggcatgccc agcagcccct cccagctgta agtccacaca gccccatca atgtgccatc    120
tggggcaggg cgaggaccgg ccctggctgc cctcactgat ggctggagcc ccgatgctag    180
ctacaatggc tggcttgagt ggacttctgt cacagaggca aatgcccaca gggcacctct    240
tggggcaggg agggagcttg tatgtgccat ctggggccaa agctccacga ttgagtcata    300
agttaagggg agatggagat tttccgcctt gagcagaaac gtggaggaaa cacgcctggt    360
gtgtgactca cgcctgtaat cccagcactt cgggaaagccg aggtgggcgg atcacctgag    420
gtcaggaggt caaaaccaac ttggtcaaca tggtgaaact ctgtctctac taaaaacaca    480
aaattagatg gctgggtggt gcacgcctgt aatcccagct gacggctgga gccccgatgc    540
tagctacaat ggctggcttg agtggacttc tgtcaggaga attgcttgaa ctcgaggagt    600
ggaagttgca gtgagccaag atcgtagcat tgcgtcttag tctgggcgac aagagtgaag    660
ctcctcctca aaaaaagaaa ataagagaaa agagaagaga agaggaaaaa gaaaagaaga    720
aaagaaacaa cccttgacgt tccccggcca ctcccagag ccagttaggc caccaggtgg    780
gctggggcta gaccgggctg cgggcggggc acagagggac taatggccac cacttctctc    840
catcctgcag gcagctgcca gaccggcca tcgaggacca ggggtggggag tacgtgcagc    900
ccatgctgag caagtacgag gctgtgtgag tgcgtgccc tggctacggc accagaacca    960
acactatcat cctggttagat gcggacggcc acgtgacctt cactgagcgt agcatgatgg   1020
acaaggacct ctcccactgg gagaccagaa cctatgagtt cacactgcag agctaacccc   1080
acctctgggc ctggccagtg ggctcctggg gggccctgcc ttgaggggca ctgtggacag   1140
gaaaccttcc tttgccatac tgcattgcac tgcccgtggc ttggccagca tccccggat   1200
cagggccctg tggtttgctt gttacccatc tgtgtcccca tgcccagttc agggctctgc   1260
tttatgccag tgaggagcag cagagtctga tactaggtct aggaccggcc gaggtatacc   1320
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cacacataca ctctgcgtg tgcacaagca cacacatgca aggcataac atggacaccg   1440
acacaggcac atgtacatgc acaggtgtgc tacacatgtg cacacatgca cagttgcaca   1500
gacacacaca cacaggtgca cacacacgat gccgaacaag gcagaagggc gactctcacc   1560
tctcatgtgc ttctggccag taggtctttg ttctggtcca acgacaggag taggcttgta   1620
tttaaaagcg gcccctcttc tcctgtggcc acagaacaca ggctgcttg gactcttgac   1680
aagcagacct gctcctgcag aggagacagc cacatttgga attgggcacc gagaagacct   1740
gagaaaaacc cactctctct tttttttttt tttgagacgg agtttggtct ggcccccccg   1800
gcgggagggc aggggcccac tttgggttaa cggaaccccc ggcccccaag gttaaagaaa   1860
ttctccggcc ccaccccccg gataattggg attaacgggg gggggcccc tgccccagct   1920
atttttgggg ttttaagaaa aacgggggtt cccctgggg ggccggggcg gcttgaaccc   1980
ccggaggggg gaaccccccg gcctggggcc cccaaagggc ggggtttaca ggggggagcc   2040
cccacccccg gccaaaaaac ccctttctat aacaaaaggg ccaacttttg ggtaa       2095

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<210> 8003
<211> 2095

```



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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1345)...(360)
<223> similar to gi5817192 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8003
tttttttttt ttgacacaat aacaaacacc tattttattat attaaatacc aggcctggaa      60
atattaaggt accaaattac cagattccca agaaattaca ttccacatcc caaaatgtcc      120
tggttggtgct ttgacaacta aaacaatggt ttagaaagat ttgttttcag atccgtaaaa      180
aatagcaaca atttggggga taaaaataag taaaatccaa aaacttcaaa agttttattcc      240
aaattctttt gaatccttat ggtgggctgt aaaaccagtt tttaaagtgt catagcttca      300
gggatggggg agtatcacag tttatatgaa ttctgccta ggggaagcca gcaatgttac      360
acagtagttt cgtgtttcca taatccagtc ctaacattgc cagtgtctatc ggtaccgagc      420
aagggtccct cctgccattt gcttttaatt ggtccattct gaatggccaa gttgaggcca      480
taagattttt gctgattttc aagttcaacc acagctgggt tccttaacgc atctttttta      540
ctagtgggtg aaactggctt ttcaaaattt ctgctacttt tgggaagtgt gctacaagca      600
tcgctgctgt cttgctgggg tgggttgtag tgtctctctc tgtaggctaa ataagctctt      660
cggtcctcgt agtgctcctc gttattgccc agccggcttt taggtaagcc gttctgcacg      720
cttccttcca cgctcgttgg gacatcgtag gcatattctc tcaggactgt gagtcggctt      780
gcccgggtgtc ctttacttct gtttttatgg tggcggcttg agtgcacatt tgttcgaaac      840
tgaacttcta aaggcgccac gtgcatttta atatcattgt ccattgaatg ttctgtcaga      900
ctattatcaa gctgaggggt ggagttcaaa ggtaaagaat tggcatggca ctgagctgca      960
gccgcctgca agtttggttaa tttgcagccc tgggaggaat ttttgaagct tgaagcactt     1020
ttgtttgtgc atgaagactc cgcactgcta ttggggcatt tgggtgcctc tccattcgtc     1080
ccattagagt tggggggctg gacgttgact tgcactgaat acgagctccg tcctgggcag     1140
caagtcatga tccacgcaag tctaacatcc tcctatttaa cacaatggtg gaccacgaag     1200
aacgcaactga agcttaaact tgtggctcca aaaacgaagc taaaaaccaaa gtccaaaggg     1260
taatacaaaag aaacagccaa agccccaac atccacagtg caacatataa gagcaaagta     1320
aggctggccc ccaagagctg agaatgaaaa gtgtgctcat tttccaaggc tgatgtagaa     1380
atcagagaca aagacattga atcctgatga tttatttcgc cattttcatt ggctgccaat     1440
ctctgttgct cctcogtggg ctcccttaagc tcataattgc gctcaggggtg tcttttcaac     1500
tgaataaata tgctcagaaa gtacatgcag tttacaaaag tgatgaagct ggctggccca     1560
tagaaggctc ccaaggaggg ttcccatgcc atccaggcaa taggggtgcgt ttggccgact     1620
gccgtaattc ttaatgttcg ctgctgcagt tatgcccga aacaatgatg gggataccca     1680
cccaccaatc aggtaaaatc tgagcattgg tcttggtgga ggtgggtggt catcaggatc     1740
ctggcatctt ttagcttttt tagtgacttg tttgtagata tttcgagctg tcactcctac     1800
ccatagtact gtggcaaggg tggaatagtg aagaattatc ccaactgctt ggcagatgct     1860
ggcattccta gtctgggtta ttcctccac aaagaccaca cagggttagga aaatatgaaa     1920
gcacaagttc acaagcatgt gccagctctt gaggctgatt ctaatcaaac tgtgatggta     1980
tatgtaactg acaatgacgg ctaagagaca taagaggaga atgatagcgg tagtataaac     2040
cacaggatgc aggaggctgg ccgcctgggt gtatagttca gatcccgtcc tgttc      2095

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```

<210> 8004
<211> 5534
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (276)...(1865)  
 <223> similar to gi5689499 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8004

ccacccacgc	gttcgcggac	gcgtggggtt	ggctcagttt	tggggttatc	caaggctatg	60
tcatgcaaaa	agaggaatat	gacctatcac	acagttcgtg	ctgcatttag	tttcatattt	120
tgggactcag	atctgtgaaa	gatacagata	agaggtgttt	gttttatttc	ttttttcctt	180
aaagcgcttt	acttcttttc	tagattggcc	aggagaaaca	ggagctgttc	agaaaggaca	240
cagaactact	cgccctgcag	acaaagctag	aaacactcac	aaaccagttc	tcagatagta	300
aacagcacat	tgaagtgttg	aaggagtcc	tgactgctaa	ggagcagagg	gctgccatcc	360
tgcagactga	ggtggatgct	ctccgattgc	gtttggaaga	gaaggaaacc	atgttgaata	420
aaaagacaaa	acaaattcag	gatatggctg	aagagaaggg	gacacaagct	ggagagatac	480
atgacctcaa	ggacatgttg	gatgtgaagg	agcggaaggt	taatgttctt	cagaagaaga	540
ttgaaaatct	tcaagagcag	cttagagaca	aggaaaagca	gatgagcagc	ttgaaagaac	600
gggtcaaatc	cttgaggct	gacaccacca	acactgacac	tgccctgaca	actttggagg	660
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tggagagaga	gatcaccagg	tacaaagatg	aatctagcaa	ggcccaggca	gaagttgatc	1080
gactcttaga	aatcttgaag	gaggtggaaa	atgagaagaa	tgacaaaagat	aagaagatag	1140
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gaaggaaaca	cttagaggaa	gttctggaga	tgaagcaaga	agctcttctg	gctgccatta	1620
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aacccctcca	tcggaagtc	tagttgccct	ttagcaccta	aagatctgca	ccccaaacca	5040
atgtcaccat	aaagagggca	cgaagaagag	tgggtgtgat	cccaacgggg	ttttgtaact	5100
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cagagactcc	at					5534

<210> 8005  
 <211> 2632  
 <212> DNA  
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (2540)...(1999)
<223> similar to gill107703 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8005
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aaaagcagat ggacgaagac cgaccttaca gacgtgggtt tctacactga gcgcaagggc      180
tgactacgct gtatttcaca accgagccct agcgccagct cagcaccta cgctcaggaa      240
gcggattttg cacgcacact actgcattca tacagagttc actgaagtct attaccaagt      300
gtcttttatg aataaacaat acaaagtcca attttgatgg ctgctataaa atacttagga      360
atctctgcaa tactttacta caaatacaaa tgcccaagag gtcagggaaa tcagcctgaa      420
gaactgggta caggttctat tctttgtgga aatttcagcc taggaatgtt attcccggta      480
cagatgtaca cagtcaaaaa ggcttatcga gctgtttgac gagttcttga agtgttcttg      540
atcagtgatc tgcctgtgaa ctttagttca cgctgaagac agtcttctca gttttcatga      600
ctgtgaagtg tgaatatgga acgcatecct gatcttaggt gctgctgacc tactttccca      660
aagcaaatg ttttaaaatt caaggcaatc tggaacaggg actatttcca aacttcctta      720
ggcagcactt ttcagtgaact tccccgcacg ctgctttccc tgccacgaag cgcttggtct      780
gcttactaaa gccacgtatc ctgattttac agaaacgtgg gcaggtccag cagtgccact      840
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atttttatat gaaggttttc tggtgaaatc ttttaagcag ggaggaaaat ccaataaatt     1380
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aggtgtgaag actcaagatg cgcacacaga cgctgtccgt ggttttatgg ggaatgatga     1560
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tggtgcccgt caggcggctt cgtgtgcagt tagcgtttca caaactgaga agagtataaa     1740
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gacaagcctt gttagtgttg caccaaagac aggagacgtt cttcaggcac tcttcacagg     2400
ttttgtttgt gttctgagaa caagcagctc cgggaggtct ctgcgcggcg gccaccggga     2460
tgagcagcag gagcagcgcg gcgccaccga ggcgcaacct ccagtaaggc gtcggcccg     2520
gggccactcc gggcgccatg gtcggccggt cgctctatca gtcagtggag cgttacaact     2580
ccgactccag cacaagcggg ctccggacgc gtacgtaagc ttggatcctc ta          2632

```

<210> 8006  
 <211> 1663  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (53)...(1266)  
 <223> similar to gi469466 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8006

gcctcgaatt	cccgggtcga	cgatttcgtc	tcccttggtc	ctgggtgctgg	tgggtggtgt	60
gacagtgcgg	gcggccttgt	tccgctccag	tctggccgag	ttcatttccg	agcgggtgga	120
ggtggtgtcc	ccactgagct	cttgggaagag	agtgggtgaa	ggcctttcac	tggttgactt	180
gggagtatct	ccgtattctg	gagcagtatt	tcatgaaact	ccattaataa	tatacctctt	240
tcatttccta	attgactatg	ctgaattggg	gtttatgata	actgatgcac	tcactgctat	300
tgccctgtat	tttgcaatcc	aggacttcaa	taaagttgtg	tttaaaaagc	agaaactcct	360
cctagaactg	gaccagtatg	ccccagatgt	ggccgaactc	atccggaccc	ctatggaaat	420
gcgttacatc	cctttgaaa	tgccctgtt	ctatctctta	aatccttaca	cgattttgtc	480
ttgtgttgcc	aagtctacct	gtgccatcaa	caacaccctc	attgctttct	tcattttgac	540
tacgataaaa	ggcagtgcct	tcctcagtgc	tatttttctt	gccttagcga	cataccagtc	600
tctgtaccca	ctcaccttgt	ttgtcccagg	actcctctat	ctcctccagc	ggcagtacat	660
acctgtgaaa	atgaagagca	aagccttctg	gatcttttct	tgggagtatg	ccatgatgta	720
tgtgggaagc	ctagtggtaa	tcatttgcc	ctccttcttc	cttctcagct	cttgggattt	780
catccccgca	gtctatggct	ttatactttc	tggtccagat	ctcactccaa	acattggtct	840
tttctggtac	ttccttgag	agatgtttga	gcacttcagc	ctcttctttg	tatgtgtgtt	900
tcagatcaac	gtcttcttct	acaccatccc	cttagccata	aagctaaagg	agcaccccat	960
cttcttcatg	tttatccaga	tcgctgtcat	cgccatcttt	aagtcctacc	cgacagtggg	1020
ggacgtggcg	ctctacatgg	ccttcttccc	cgtgtggaac	catctctaca	gattcctgag	1080
aaacatcttt	gtcctcacct	gcacatcat	cgtctgttcc	ctgctcttcc	ctgtcctgtg	1140
gcacctctgg	atztatgcag	gaagtgccaa	ctctaatttc	ttttatgcc	tcacactgac	1200
cttcaacgtt	gggcagatcc	tgctcatctc	tgattacttc	tatgccttcc	tgcgggcgga	1260
gtactacctc	acacatggcc	tctacttgac	cgccaaggat	ggcacagagg	ccatgctcgt	1320
gctcaagtag	gcctggctgg	cacagggctg	catggacctc	agggggctgt	ggggccagaa	1380
gctgggcaaa	gcctccagc	cagagttgcc	agcaggcgag	tgcttgggca	gaagaggttc	1440
gagtcagggg	tcacaagtct	ctggtaccaa	aagggaccca	tggtgactg	acagcaaggc	1500
ctatggggaa	gaactgggag	ctccccaact	tggaccccca	ccttggtggc	ctgcacacca	1560
aggagccccc	tccagacag	gaaggagaag	aggcaggtga	gcagggcttg	ttagattgtg	1620
gctacttaat	aaatgttttt	tgttatgaag	tctaaaaaaa	aaa		1663

<210> 8007  
 <211> 1502  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (963)...(1388)  
 <223> similar to gi5912212 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8007
gggtgaaccc ttcatcctgg gtctttttaat ttctcaggcg gaacgagtgg cggcggacag      60
aggttttttg ctgcgctgtc tgtgggttgt ctgggcttgg ggaactgggc acggagaccg      120
tggcgcgggc cgccggtcat acagctctgc ttccagtcgt cgggcaaaaa gctgaggcgc      180
ttctccttta attgcggtgg gcggggcggtg ccgacgcggc ccgcgttgct attggtggcc      240
gttggggggcg cggaaactga acgggcccga acggccaccg cagctgccat cggcgccgcc      300
agccccgcca tggctgcgcc ctgcgcggag gaccctcgc tggaaaaggca ttttaagggc      360
caccgagatg cagttacctg tgtggacttc agtatcaaca caaagcagct ggccagtggg      420
ccatggactc atgcctcatg gtctggcaca tgaagctgca gtcacgcgcc taccgcttca      480
ctggccacaa ggatgccgtc acctgtgtga acttctctcc ttcgggacac ctgcttgctt      540
ccggctcccg agacaagact gtccgcatct gggtaaccaa tgtcaaaggg gagtccactg      600
tgtttcgtgc acacacagcc acagtgagga gtgtccactt ctgcagtgat ggccagtcc      660
tcgtgacagc ctctgacgac aagacagtca aagtgtgggc aactcatcgc cagaaattcc      720
tgttctccct gagccagcat atcaactggg tccgctgtgc caagttctcc cccgacgggc      780
ggctcatcgt gtctgccagt gatgacaaga ctgttaagct gtgggacaag agcagccggg      840
aatgtgtcca ctctgtattgt gagcatggcg gctttgtcac ctatgtggac ttccaccca      900
gtgggacgtg cattgccgtc gccggcatgg acaacacagt gaagggtgtg gacgtgcgga      960
ctcaccggct gctgcagcat tatcagttgc acagtgcagc agtgaacggg ctctctttcc     1020
acctgtcggg aaactacctg atcacagcct ccagtgcact aacctgaag atcctggacc     1080
tgatggaggg ccggctgctc tacacactcc acgggcatca gggaccagcc accactgttg     1140
ccttttcaag aacggggggag tattttgctt ctggaggctc tgatgaacaa gtgatggttt     1200
ggaagagtaa ctttgatatt ggtgatcatg gagaagtcac gaaagtgccg aggccccag     1260
ccacactggc cagctccatg gggaatctga cagtctccat tctggagcag cggttgacac     1320
tggaagaaga caagctgaag cagtgtctgg agaaccagca gctaatacat cagagagcaa     1380
caccatgatc aggggagcag gaatcaggag ctcggtggat ttgcaggtgg caggccaggg     1440
atttgtacca tgggacttgg gtaaataaaag gggactgaac tctgtgggaa tcacatccat     1500
aa                                                                    1502
  
```

<210> 8008  
 <211> 1052  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (745)...(323)  
 <223> similar to gi5880865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8008
tttttttttt ttaagaagca acatgtgtat tattaaatta tttgtcagaa tttccagaat      60
cagagtctct actgggcaag tagaaaaata gaaaagttaa ctactttgaa aaggaaacta     120
tgacaaacaa gtatatattc aggaaagga ctctagaac ttgagcaaca aaaaagagtt     180
  
```

caacctcggc	acagtggagt	ctgcagtgtc	tccgcaacaa	cagaaatgaa	cttgtgttcc	240
tcacatcctt	gagagtcgag	gtttgcattt	ctctacagag	ctagggctga	atgaagcaaa	300
gagacctctg	ccacccccac	tagctggccc	agtcctggaa	gcggaagcag	tcacttgcca	360
tcttccacac	tgtgttgctg	ggtgaggcct	ggcggtcag	gatgaagtcc	tggttgaagt	420
cccgttgttt	gttccctca	aacttcaactg	atccacagat	gacaacaagg	accgtggtct	480
ggcttgggtg	ggcttcatca	tgaacaggct	ggcagtctac	cacgctgatt	tggaactcgc	540
tggaaggcaa	catttcaaaa	aactcactca	aggattcctg	tcctgaaaca	gcattgccat	600
tccagaccag	ggtggctgtg	cccatgtaca	ggcgggacag	caaacgccgc	cgcttatcca	660
tggtgggtga	gtagacattg	acaaactcct	cagcagctct	gcaggcctga	tccacatagg	720
tcttgaaatc	cacagatgcc	atctctggtt	ctatggaagg	agggctccac	cagggtattt	780
cctctgcctt	ggggaaccag	gggctgcgcg	gcgacgtcca	gggtcagcgc	gggccgcggc	840
ccccacggtc	gggacgcccc	ccgctgggga	cgcagttcca	ctgaggggcc	ggccgcggag	900
gtcacaaggt	gggcccaccg	aagcctctgg	taggggcacg	ggaagagccg	cctttctctc	960
ctcctcctcc	ttcttgagg	cttactctgg	gtcaccgggg	ccccagagcc	gggggacttt	1020
ccggcgagc	tccgcggctt	ccgcgcgcgc	gc			1052

<210> 8009

<211> 4558

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4559)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (167)...(2007)

<223> similar to gi458255 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8009

gggttcagta	gtttgggaag	ggagctgggg	gaggcagtgg	cggtctggagt	aggtaggcga	60
gtaaaaggag	gaggaagggc	tggggagaag	agcagggtcg	tagcggtgc	ctgttgaggg	120
aggaagaggt	ggggggtgtg	gaggaggggg	aggagagaga	gatgacatgg	ggagaggagg	180
aggggggttg	gacgtgggag	gaggaggaga	gggctcgagg	gaccgtctgt	cgcgggacgg	240
gctggccagc	tggggcgccg	agcctggagg	aggaggcagc	ggcagcgcca	gcagcagccc	300
tccgagcagc	agcagctgca	gcagcagaaa	caagtaccag	ccacaaagcg	gctcctctgg	360
cccaagcagc	cacagtcccc	ccgccgcgat	ggcgtgcaa	agccaggcga	gcgaggaagc	420
aaagggggccc	tggcaggagg	cagaccagga	acagcaggag	ccggtgggta	gcccagagcc	480
ggagtctgag	ccggagcctg	agcccagacc	cgagcccgtg	ccagtgtccc	cgcccagagcc	540
ccagccggag	ccccagcccc	taccggaccc	cgcacccctg	ccggagctgg	agttcgagtc	600
cgagcgggtg	cacgaaccgc	agcccacgcc	tacggtagag	acccgcggca	ccgcgcgcgg	660
cttccagcct	cccgaagggtg	gcttcggctg	ggtgggtggg	ttcgctgcca	cctgggtgcaa	720
cggtccatc	ttcggcattc	ataactctgt	cgggatcctc	tactccatgc	tgctagagga	780
ggaaaaggaa	aaaaatcgcc	aagtggagtt	ccaagcagca	tgggtcggag	ccctcgcgat	840
gggtatgatc	ttcttctgtt	ctcccattgt	gagtatattc	actgaccgtt	tgggctgccg	900
aatcacagca	accgcggggg	ctgccgttgc	tttcattggc	ctccatacca	gctccttcac	960
cagctcccta	agcctgcgct	acttcaccta	cgggattctc	tttggttgtg	gctgttccct	1020

cgcctttcag	ccatccctcg	tcacctcggg	ccactacttt	caacgcgcgc	tgggtctggc	1080
caatgggtgtg	gtgtctgctg	ggagtagcat	tttctccatg	tccttccctt	tcctcatcag	1140
aatgctgggg	gataagatca	agctggccca	aaccttccag	gtgctgagta	ccttcatggt	1200
tggtcttatg	ctgctttcac	tcacctaccg	gccccctctg	cccagctccc	aggacacccc	1260
aagcaagaga	ggtgtccgca	ccctgcacca	gcgctttctg	gctcagctca	ggaagtactt	1320
caacatgcga	gtgttccgcc	aacgcactta	ccgcatctgg	gccttcggaa	ttgctgctgc	1380
tgcccttggc	tactttgttc	cctatgtaca	cctgatgaag	tatgtggagg	aggagtcttc	1440
agaaatcaag	gagacctggg	tgctcttggg	gtgtattggg	gctacctcag	gccttggggc	1500
tcttgtgtca	ggccacatca	gtgactccat	ccctggactt	aagaagatct	acttgcaggt	1560
cctttccttc	ctgctcctgg	gcctgatgtc	catgatgatt	cccctgtgcc	gggacttcgg	1620
gggccttatc	gtcgtctgtc	ttttcctggg	cctttgcgat	ggcttcttca	tcacctcatc	1680
ggccccatt	gcatttgagc	tgggtggccc	aatgcaggcc	tcacaggcca	ttggctacct	1740
cctgggcatg	atggccctgc	caatgattgc	tgggcccccc	attgcaggcc	tactccgcaa	1800
ctgttttggg	gactaccatg	tggccttcta	ccttgccggt	gtgcccccca	tcacgggggc	1860
tgtaatcctc	ttcttcgtcc	ctctgatgca	tcaaaggatg	ttcaagaaag	agcagagaga	1920
ttccagcaag	gataagatgt	tggccccctga	cccagacccc	aatggggagc	tactgccggg	1980
ctcccccaac	cctgaggaac	caatctaata	cctttcttgc	cattgtgtgc	cctttcccag	2040
ctcttccctt	tcaccccacc	ctgctcagca	tttacatttt	tgccaccagc	acacttgttc	2100
ccagacctgc	gcacacagca	tttcagccac	ctgacaatct	ccttggagtc	aaagctccag	2160
gtgttccaaa	ctcattaact	aaattctccc	cagaatgctt	ttaaattttc	cagggccttt	2220
ctcctcccag	gatctgggaa	agcttgggaa	ccaccccttg	cctttggaac	ctctccatat	2280
actttctaag	ctctggggga	ggaggaggat	gggacctcct	ggacccagct	tgtagtcac	2340
ccactataat	caactgcca	aggtgctact	gtgtccccag	gagcctaata	gggtaggccc	2400
aaatctctgt	ttgctgagga	ggtcattgcc	atccatatatt	gggagccact	gggtagatgg	2460
ggcaggggagg	caaaatgaga	caagtagcct	tggtagtct	tagagttgct	gatgactgtg	2520
gcttcccaag	aactgggtac	aagcagtgcc	cttattgtat	ggttggttaa	cagtctgtc	2580
ccctcttccc	ttccttcttt	ttttcctcta	ctgacttctc	tccatactct	ttccccctta	2640
tttcttttga	tgactgtcat	agacacatgg	gtgcttgaag	aaaggaggga	cccggaaactt	2700
gggccaatca	gcctcacctt	gtcccagtc	actcctaaca	ctagcatcag	tcccactcat	2760
ctcaggctga	gccacatctc	actttttcgc	tcaagctata	taatcctaga	ctggaagagt	2820
agaatatcat	atagggaaga	aaccttaaac	accacagtgt	tccatgttcc	agtcactgat	2880
ttttacaaat	cttacagtc	aaggcattaa	cctcaaggcc	ctcccagcac	cccattcttg	2940
tatacacatg	gcaaaatgtg	aagaaactcc	tttcatctca	gcaggtagag	gaggactgat	3000
gacacgagct	gccatggcgg	gaggaggggc	agtagttatt	gatatggtga	gccccatctc	3060
tcagttttca	tgacagggtc	atattttctac	ctggggccagg	ccaggaaaga	gactatttaa	3120
gaaaaaaaaa	atcaattcct	agcctggatc	caaaaaagg	acaggcagca	gttgacata	3180
gggttggaaa	atttcttttg	ggaaggggaa	gccatcccag	cctttaccac	ccaatgtgtc	3240
tcccatgctg	ggcatcctag	gccactttgc	ttagagggca	ttaaagggtc	catgaaagg	3300
agactctgaa	ccactttgat	ccctctgaag	taggtgactg	atgcctcctt	atgccaggc	3360
tctggcaaca	gtcttactga	agaacattcc	cagtgccttc	ggctaggggc	agagggcact	3420
gccaggctgt	gttcagttag	cacagctcac	ctcattagga	gctcagcctc	tctctcact	3480
ctgcctcttt	gtgtctcttt	ttctcctctc	tgagcctttg	tctattgtgt	tcctgtcacc	3540
caccccttca	tcactttttt	gccaggcatt	cctggctgtc	acttggagcc	aacagtaact	3600
tgccacctta	aggcagggtc	atccccgggc	caggaggatg	aggttgtcct	gaggggctcc	3660
aaagaagaca	atagttccca	ctcatgattt	tccgttacaa	acaggcagct	ggggcatggt	3720
tggcctccaa	tgatttcatt	caaggccaaa	gtcctgagcc	ccctccgctg	gtcccagtc	3780
agctcttatc	aactcccca	aggaaaaccc	actggttctt	agctctgtgg	gtaggaagg	3840
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tgggccctag	gagccctgta	actcccagga	gagaccactg	aaaatactgg	agcaacaatg	3960
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ctccagatga	agggaagaca	ttcataggtc	ccaaatctgc	ccattcagat	gtcacataat	4140
atggtgggat	atcaattttac	ttcttcacac	catgtggttg	tgcacatgtg	agcttgtgtg	4200
cttttggaga	gaatgttgat	tggcaaaagc	agcacagtat	taatatttag	agtaggatgc	4260
agcctcttat	gcaccacagt	taaatctaga	acgaacaaaa	tttcagagct	caagacatgg	4320
gacatttaaa	tcctcaagga	gtttggaaca	aaataaacag	atctaaaaat	ttggtttggg	4380
tatgtatgtt	gcctacaagg	aagaaatagt	cttaacctga	ttaatagcag	aaagtttgac	4440



```

ttcagagctg aagtctcctt tcaaatacaa tttctgccag gttctatgct ctctgtgaga 4500
gcagacatta naaaaagagc tatatagggg tttggagttg gttgactatt tgagattg 4558

```

```

<210> 8010
<211> 1376
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (571)...(810)
<223> similar to gil620100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8010
cggacgcgtg ggaagcaagt tctccttgaa aacagcctgc attgagcccc caaaagtaag 60
cctgtcctag agccccctgac acccccactt ggggtctcctc gacctcgaga tgctagaagt 120
tttacccttg ggcgaaggaa cacagctcca tctcctgggc cctctgtgat tcgccgaggc 180
cgcaggcagt ctgagccggt gaaggaccct tatgtcatgt tcccacagaa cgctaagcct 240
ggattcaagc acgctggcag cgaaggggaa ctctaccctc cagaatctca gccaccagtt 300
tcaggctctg caccctctga ggacctggag gatgctggac ccccaacact ggaccctctc 360
gggacctcaa tcaactgaaga aatcctggaa ctgctgaatc agcgaggcct tcgagatcca 420
gggccgtcca cccatgacat tcccaagtcc cccggagact cccaggtgcc tggcgacagc 480
gaaaccctca cattccaagc cctgcccagc cgggactctt cagaagagga ggaggaggaa 540
gaggaagggc tggagatgga tgaacggggg ccttccccac tccacgtcct ggaagggctc 600
gaaagttcca ttgcagctga aatgcccagc attccctgcc ttaccaaaat tcctgacgtg 660
cccaaccttc ctgaaattcc cagccgctgt gaaattcccg aaggttctcg ccttcctagt 720
ctctctgaca tttccgatgt ttttgagatg ccctgccttc cagccatacc tagtgtcccc 780
aacacccccca gtctgtctag cactcccacc ctctcctgtg actcctggct ccaagggcct 840
ctgcaggaac cagctgaggc tccagccacc aggagagaac tgttttctgg gagcaatcct 900
gggaaaactg gagagccgcc ttcaggaggc aaggcagggc cagaggagga tgaagaaggg 960
gtatcattca cagacttcca gccccaggat gtcacccaac atcagggatt cccagatgag 1020
ctggcattcc gctcttgctc agaaatccgg agcgctggc aggcattgga acagggacag 1080
ctggcccggc caggcttccc agagccactg ctgacctgg aggattcgga tctgggtgga 1140
gacagcggga gcgggaaggc aggagcccc agttcagaaa ggacggcgtc ccgagtgcga 1200
gagctggccc ggctttacag cgagcggatc cagcagatgc agcgggcgga gactcgggca 1260
tcagccaatg ccccgcgcg ccggcctcgg gttctggccc aaccccagcc atccccctgt 1320
ctgccccagg agcaggcaga gccagggcct ctgcctgcct tggacacgtg ctgggtt 1376

```

```

<210> 8011
<211> 2586
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (156)...(2451)

<223> similar to gi509241 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8011
tttcgtccct tctactctgg gcggttagaa agtcgtagt cgttcacctc tcagccttcc 60
tgagtgggaa ctggtatgtc ttccaaaggg tgaggtggct ttgaccccg gttgcccggc 120
cagcacgacc gaggaggtgg ctggacagct ggaggatgaa cggagaagcc gactgcccc 180
cagacctgga aatggccgcc cccaaaggcc aagaccgttg gtcccaggaa gacatgtctg 240
ctttgtctga atgcatgaag aacaaccttc catccaatga cagctccaag ttcaaaacca 300
ccgaatcaca catggactgg gaaaaagtag catttaaaga cttttctgga gacatgtgca 360
agctcaaatg ggtggagatt tctaattgagg tgaggaagtt ccgtacattg acagaattga 420
tcctcgatgc tcaggaacat gttaaaaatc cttacaaagg caaaaaactc aagaaacacc 480
cagacttccc aaagaagccc ctgacccctt atttccgctt cttcatggag aagcggggcca 540
agtatgcgaa actccaccct gagatgagca acctggacct aaccaagatt ctgtccaaga 600
aatacaagga gcttccggag aagaagaaga tgaaatatat tcaggacttc cagagagaga 660
aacaggagtt cgagcgaaac ctggcccgat tcagggaggga tcaccccgac ctaatccaga 720
atgccaagaa atcggacatc ccagagaagc ccaaaaacccc ccagcagctg tggtacacc 780
acgagaagaa ggtgtatctc aaagtgcggc cagatgccac tacgaaggag gtgaaggact 840
ccctggggaa gcagtgtctc cagctctcgg acaaaaagag gctgaaatgg attcataagg 900
ccctggagca gcggaaggag tacgaggaga tcatgagaga ctatatccag aagcaccag 960
agctgaacat cagtgaggag ggtatcacca agtccacctc caccaaggcc gaacggcagg 1020
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aaaaaa 2586
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<210> 8012  
 <211> 4239  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (314)...(2036)  
 <223> similar to gi3882171 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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aaaagggttg aatgggagag ttgttcctac tgatgggggc agatatgatg ttcatttggg      180
ggagagggat cggtatgctg tatactggga tgaactggca tcggaagtga gacgatgtac      240
gtggttttac aaggggggaca aagacaataa gtatgttccc tactcggaga gcttcagcca      300
agtttttagag gaaacttaca tgcttgctgt aactttggat gaatggaaaa agaaactgga      360
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agttgcaggg tctgatgatt ggggttcaac acccatggag cagggtcgac caagaactgt      480
gaagagagga gttgagaaca tctctgttga cattcattgt ggagaacctt taaaaataga      540
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tgtacagtgt gttaatgatt ttcgcagtgt ttccctgaac ttgctacaga cacattttaa      660
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<210> 8013

<211> 2285

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (305)...(1372)

<223> similar to gi4336774 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8013

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gccggggcga	ggattccgga	gcccggggcc	gcgtcgcccc	gtcgggtact	gagctgaacg	300
caccatggcc	ggctgctgct	gcctgtccgc	ggaggagaag	gagtcgcagc	gcatcagcgc	360
ggagatcgag	cgacagcttc	gtcgggacaa	gaaggacgcg	cggcgtgagc	ttaagctgct	420
gctgctggga	actggtgaaa	gtgggaaaaa	cacctttatc	aagcagatga	gaattatcca	480

tgggtctggt	tacagcgacg	aagacagaaa	ggggttcacg	aagctgggtt	acccaaacat	540
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aaaaa						2285

<210> 8014

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (264)...(771)

<223> similar to gi5912150 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8014

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aagaggccaa	gcatcctgat	tctcaatcaa	tggaggagag	caagctgaaa	aatgatgatc	180
gaaagactcc	tgtgaactgg	aaggactcta	ggggaacaag	agtggctgtc	tcctcaccca	240
tgagtcagca	tcagtcatac	atacagtact	tgcatgctta	tccttaccca	cagatgtacg	300
acccagccca	tcctgcatac	cgggctgttt	ctcccgctct	aatgcacagt	tatcctgggg	360

catatctctc	tccaggattt	cattatcctg	tttatgggaa	gatgtcaggg	agagaagaga	420
cagagaaagt	caataccagc	cctagcgtca	acacgaaaac	aaccactgaa	tctaaagcac	480
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cgggtcaata	tgaccctttt	caaggcttga	cctctgctgc	ccttgttgcc	tctcagcagg	720
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ggacatgtac	attgtcatgt	gactggatca	catggggaag	cgctttatac	agacatcagt	840
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<210> 8015

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(809)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (194)...(348)

<223> similar to gi3757719 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8015

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<210> 8016

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (105)...(1155)

<223> similar to gi881499 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8016

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gaaaagtcca	aaccgttttg	ggccttgtag	agccaagcaa	actgggccgt	accctgaccc	180
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ttttgctggt	ttgcaaagtt	tgtataagaa	cacataaacac	tactgaatta	taaaaactca	1860
atcataaaaag	tcaaaatata	ttacataata	tagtttaatg	aatcattaca	tttataataa	1920
caaaggccac	aatttaatta	attggttaaga	tataatgcaa	aaaaaaaa		1968

<210> 8017

<211> 2480

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (855)...(1397)

<223> similar to gi4153872 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8017
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tctagaagat gacggtgttc tttaaaacgc ttcgaaatca ctggaagaaa actacagctg      180
ggctctgcct gctgacctgg ggaggccatt ggctctatgg aaaacactgt gataacctcc      240
taaggagagc agcctgtcaa gaagctcagg tgtttggcaa tcaactcatt cctcccaatg      300
cacaagtga  gaaggccact gtttttctca atcctgcagc ttgcaaagga aaagccagga      360
ctctatttga aaaaaatgct gccccgattt tacatttadc tggcatggat gtgactattg      420
ttaagacaga ttatgagggg caagccaaga aactcctgga actgatggaa aacacggatg      480
tgatcattgt tgcaggagga gatgggacac tgcaggaggt tgttactggg gttcttcgac      540
gaacagatga ggctaccttc agtaagattc ccattggatt tatccactg ggagagacca      600
gtagtttgag tcataacctc tttgccgaaa gtggaaacaa agtccaacat attactgatg      660
ccacacttgc cattgtgaaa ggagagacac ttccacttga tgtcttgcag atcaagggtg      720
aaaaggaaca gcctgtattt gcaatgaccg gccttcgatg gggatctttc agagatgctg      780
gcgtcaaagt tagcaagtac tgggtatctt agcctctaaa aatcaaagca gccactttt      840
tcagcactct taaggagtgg cctcagactc atcaagcctc tatctcatac acgggacctc      900
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gagcaggggg ctcttttagc attgacagtg aggagtatga agcagatgcct gtggagggtga      1320
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caagccccac ccagttagca gcagaagaca agcactctga gaccacactt taggccaccg      1440
gtgggaccaa aagggaacag gtgcctcagc catcccaaca gtgtcgtcag agggctccca      1500
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cctaaatggt ttgcatgaga gccacctggg gtacatgttg aaaacttatt tgggggtctac      2040
cccaaacctc ataaccacaa tttgggggatg gggcccagga atatgcattt ttaaaaagtc      2100
atctgccctt ccaggtgat tctgtaagtt gtccctcaac tgtacttgga gaaatcgtgt      2160
tttaaagcag tagtccacaa agtattctgc tcatgtgcc ccaaaagtat tttgaaaaat      2220
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atttttcatg ggaagttaaa tagttgacaa agtatgtatt tgctgggtgc gtgtaaatat      2340
tgggtatttta aaataaaacc tgttacatca ctattttaaa catatccagt acaattttaa      2400
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agttaaacat ttcaaattgg                                     2480
```

<210> 8018

<211> 1925



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (880)...(1605)  
<223> similar to gi3983573 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8018

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ttctttgcct	cctccagctt	ctggtggctg	tcagcattcc	tttgctgcgg	ctccatcact	180
ccaatctctg	cctctgtggt	cactgtgctt	tctcctcttc	tgtgtggtaa	tatctccctt	240
tgcttctgaa	gttcagagtg	ttctttcagg	agttgatcat	attctttcga	aagtctctct	300
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cttaattcag	ttttcagttt	ctcctgggtc	tctactagtt	ttttattttc	tgcttccaaa	420
acacattctt	catctttacc	atggcttttc	aaaatccatt	ttagtttttc	gttttcttcc	480
ataaattttt	tggcagcctt	gttagtattt	tctgcttgag	ttttaagtac	acctttgttt	540
gacagttctt	ttgccagttg	agtaataagc	gtaaccagac	gtctcaaaac	tagccaaaaa	600
aatagggaaa	atccagaaat	gtaaagattt	ctttgagacc	taaaaagttt	catctgtgtg	660
tgttcatagg	catcaggtct	gctggtggag	ctcttctcaa	tgggtatgaac	tgaggaatat	720
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aaagccttgt	tccaaaaagt	tgcaatttta	ccccagacat	taaatgaaaa	aatcttctgc	840
catctctgag	gaggaataaa	aggtaggcag	aagaaaaaaa	tgacactcca	atgggctgca	900
gtggcaacct	ttctttatgc	cgaaatagga	ctcattttta	tcttctgcct	acctttttatt	960
cctcctcaga	gatggcagaa	gattttttca	tttaatgtct	ggggtaaaat	tgcaactttt	1020
tgggaacaagg	ctttccttac	cattatcatc	ctattgattg	ttctattttct	agatgctgtg	1080
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gcaaaaagaac	tgtcaaaaca	aggtgtactt	aaaactcaag	cagaaaatac	taacaaggct	1320
gccaaaaaat	ttatggaaga	aaacgaaaaa	ctaaaaagga	ttttgaaaag	ccatgggtaaa	1380
gatgaagaat	gtgttttgga	agcagaaaaat	aaaaaactag	tagaagacca	ggagaaactg	1440
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ctcttaagaa	aaatataagc	atgttaaata	ccatattttac	atattgataa	tgtcattggg	1860
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gatgt						1925

<210> 8019  
<211> 1135  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1081)...(831)  
 <223> similar to gi4008447 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8019

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tttttttttt	tttgtgcgct	ggctgcttta	tttaagggct	tgtgattgac	agctgtcccc	180
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tgaatccccg	gccacgggca	ctagaagggtg	gagaaggagg	gcgggaagtc	cagttgagat	360
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caccccagtg	acacgtgcag	ccacacacac	ccacactcac	tcacaccac	acccacacgc	660
acaccacta	cacacacaca	cacacacaca	cacacacaca	cggctgtgac		720
agcccaggac	ccacaccctg	gacccctgga	atgtctctgtg	accagaaccg	aacagctgga	780
tcccagctac	gcggggctgc	tcagggggcg	ggctctctgt	gtcgtactg	attggccgcc	840
tcgcaggcgt	ctatccaatc	actgtacaca	tccacgggtt	ctgacagata	cgttatgggc	900
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attttcacat	cacaggattt	ctcgtggttg	cagaaggggc	aggtgaactg	ggtctcgagg	1020
gtgcctgtca	tcttcttctt	gggaggcggc	tttcgttttg	actttctgcg	ccccatgtct	1080
gcagggtggat	gagccttctc	cagctgcgaa	agctccgttc	ctcgtgccac	ctagt	1135

<210> 8020  
 <211> 5421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (691)...(2572)  
 <223> similar to gi3882155 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8020

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gcacagctgg	aggatcgtgg	gagcaggaag	gggacaggtg	gcccattctg	tgacactgct	180
cctctcagcc	tgaatgggct	cctggccccct	tggaccctcg	cagagctctt	gcccagaacg	240
ttgcccactc	cttcctcctc	ctgtcagctc	cggggcttgc	agagggggca	gcctggctga	300
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aacgtagaga	ccatcaagtg	cgttgtgggtg	ggggacaacg	ccgtgggtaa	gaccaggctc	480
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cgaaggtcga	cccagggctg	taggaagcca	taggagagtg	accacgggat	tccctgagaa	4860
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<210> 8021

<211> 1205

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (75)...(557)

<223> similar to gi2760606 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8021

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acatccgggg	caaactggtg	tcgctggaga	agtaccgcgg	atcggtgtcc	ctggtgggtga	180
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tcctcctcca	ccacctcctc	ccgcccacct	gtgtggggct	gaccaatgca	aactcaaagt	660
gtgcttcaaa	gggagagacc	cactgactct	ccttctctta	ctcttatgcc	attgggtccca	720

tcattcttgt	gggggaaaaa	ttctagtatt	ttgattat	gaatcttaca	gcaacaaata	780
ggaactcctg	gccaatgaga	gctcttgacc	agtgaatcac	cagccgatac	gaacgtcttg	840
ccaacaaaaa	tgtgtggcaa	atagaagtat	atcaagcaat	aatctcccac	ccaaggcttc	900
tgtaaactgg	gaccaatgat	tacctcatag	ggctgttg	aggattagga	tgaaatacct	960
gtgaaagtgc	ctaggcagtg	ccagccaaat	aggaggcatt	caatgaacat	tttttgcata	1020
taaaacaaaa	aataacttgt	tatcaataaa	aacttgcac	caacatgaat	ttccagccga	1080
tgataatcca	ggccaaaggt	ttagttgttg	ttatttcctc	tgtattat	tcttcattac	1140
aaaagaaatg	caagttcatt	gtaacaatcc	aaacaatacc	tcacgatata	aaaaaaaaag	1200
cgacg						1205

<210> 8022  
 <211> 2116  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2117)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (678)...(1333)  
 <223> similar to gil293835 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8022						
cgagcgcgtg	ggctggaaca	aacatggccg	ctctggcgcc	cgctggctcc	cccgcctccc	60
gcggtcctag	gctggccgcg	ggcctccggc	tgctcccaat	gctggggttg	ctgcagttgc	120
tggccgagcc	tggcctgggc	cgcgctccatc	acctggcact	caaggatgat	gtgaggcata	180
aagttcatct	gaacaccttt	ggcttcttca	aggatgggta	catggtggtg	aatgtcagta	240
gcctctcact	gaatgagcct	gaagacaagg	atgtgactat	tggatttagc	ctagaccgta	300
caaagaatga	tggcttttct	tcttacctgg	atgaagatgt	gaattactgt	attttaaaga	360
aacagtctgt	ctctgtcacc	cttttaatcc	tagacatctc	cagaagtgag	gtaagagtaa	420
agtctccacc	agaagctggg	acccagttac	caaagatcat	cttcagcagg	gatgagaaag	480
tccttgggtca	gagccaggag	cctaattgta	accctgcttc	agcaggcaac	cagaccgaga	540
agacacaaga	tgggtgaaaag	tctaaaagaa	gtacagtggg	ttcaaaggcc	atgggagaga	600
aatccctttc	tgttcataat	aatgggtggg	cagtgtcatt	tcagtttttc	tttaacatca	660
gcactgatga	ccaagaaggc	ctttacagtc	tttattttca	taaatgcctt	ggaaaagaat	720
tgccaagtga	caagtttaca	ttcagccttg	atattgagat	cacagagaag	aatcctgaca	780
gctacctctc	agcaggagaa	attcctctcc	ccaaattata	catctcaatg	gcctttttct	840
tctttctttc	tgggaccatc	tggattcata	tccttcgaaa	acgacggaat	gatgtattta	900
aaatccactg	gctgatggcg	gcccttcctt	tcaccaagtc	tctttccttg	gtgttccatg	960
caattgacta	ccactacatc	tcctcccagg	gcttccctat	cgaaggctgg	gctgttgtgt	1020
actacataac	tcaccttttg	aaaggggcgc	tactcttcat	caccattgca	ctcattggca	1080
ctggctgggc	tttcattaag	cacatccttt	ctgataaaga	caaaaagatc	ttcatgattg	1140
tcattccacg	ccgagtcctg	gcaaatgtag	cctacatcat	catagagtcc	accgaggagg	1200
gcacgactga	atatggcttg	tggaaggact	ctctattttc	ggtcgacctg	ttgtgttggt	1260
gtgccatcct	cttcccagtg	gtgtgggtcaa	tcagacattt	acaagaagca	tcagcaacag	1320
atggaaaagg	caagttctct	cgtgctcatt	ttgtgttgct	cagcttgctc	tgaacccacg	1380

tgctgcggca	ctgcggagga	gtggaggcag	cctatggtgt	caagatgctg	tcttcctggg	1440
aggagagcta	ggggaggcct	ggggcccact	tcgtgagagc	agccaggggt	agtttggaga	1500
aggaggtgtt	gagtcagttg	tataaggagg	aggttggng	tgactgctgc	ttattaagat	1560
gattcatttc	atttccactc	gtggttgtga	ttttcacctt	ctcaaaactg	agtcagcaag	1620
agaaaatctt	gtcttagaag	ggccagataa	cacttcgctg	tgagaacagg	agggataatg	1680
gattggagat	ggctatgtgt	aaagcagccc	tgctgctga	tttaacacac	tttcaaaata	1740
gatgtgtcag	tattcattta	aagcaagact	ctgatgacag	aaggaacctt	gaaaactacc	1800
tgatattgaa	atgggtgtgc	cctttatagc	ccttttgcat	ctccttgact	ttccagtcac	1860
gcctcctaaa	tcagaagaaa	agctgcaaag	aaaatgtttt	gtgtggttct	gggcttattt	1920
gaataatgtt	catgaccaca	ggctgccata	gcacaagtga	gaatttcaga	ccacaagggt	1980
ttaaggagca	gtgctctctt	ctctcaaagc	tcagaacggg	ctctggatcc	atggtatcgt	2040
acacccagt	tggatattaa	cattctttta	tgcaggttat	gaataataaa	taaaacagg	2100
ttttgcta	aaaaaa					2116

<210> 8023  
 <211> 2253  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2254)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (150)...(1257)  
 <223> similar to gi5360269 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8023						
atagaaagcg	ttcgaatgcg	ctaccggttc	ggaattcccg	ctgacgattt	cgtggcgcg	60
tgagccaggc	ctcggggcct	cggagcaacc	acccgagcag	acggagtaca	cggagcagcg	120
gccccggccc	cgccaacgct	gccgcggga	tgtccagac	cttgatgat	tacttctggt	180
gggaacgtct	gtggtgcct	gtgaacttga	cctgggccga	tctagaagac	cgagatggac	240
gtgtctacgc	caaagcctca	gatctctata	tcacgtgcc	cctggccttg	ctcttcctca	300
tcgttcgata	cttctttgag	ctgtacgtgg	ctacaccact	ggctgccctc	ttgaacataa	360
aggagaaaac	tcggctgcgg	gcacctccca	acgccacctt	ggaacatttc	tacctgacca	420
gtggcaagca	gcccagcag	gtggaagtag	agcttttgtc	ccggcagagc	gggctctctg	480
gccgccagg	agcgcgttgg	ttccgtcgcc	gccgcaacca	ggaccggccc	agtctcctca	540
agaagttccg	agaagccagc	tggagattca	cattttacct	gattgccttc	attgccggca	600
tggcgcgtcat	tgtggataaa	ccctggttct	atgacatgaa	gaaagtgttg	gagggatatac	660
ccatacagag	cactatccct	ttccagtatt	ggtactacat	gattgaactt	tccttctact	720
ggtccctgct	cttcagcatt	gcctctgatg	tcaagcgaaa	ggatttcaag	gaacagatca	780
tccaccatgt	ggccaccatc	attctcatca	gcttttctctg	gtttgccaat	tacatccgag	840
ctgggactct	aatcatggct	ctgcatgact	cttccgatta	cctgctggag	tcagccaaga	900
tgtttaacta	cgcgggatgg	aagaacacct	gcaacaacat	cttcacgtgc	ttcgccattg	960
tttttatcat	cacccgactg	gtcatcctgc	ccttctggat	cctgcattgc	accctgggtgt	1020
accactgga	gctctatcct	gccttctttg	gctattactt	cttcaattcc	atgatgggag	1080
ttctacagct	gctgcatatc	ttctgggcct	acctcatttt	gcgcattggcc	cacaagttca	1140

taactggaaa	gctggtagaa	gatgaacgca	gtgaccggga	agaaacagag	agctcagagg	1200
gggaggaggc	tgcagctggg	ggaggagcaa	agagccggcc	cctagccaat	ggccacccca	1260
tcctcaataa	caaccatcgt	aagaatgact	gaaccattat	tccagctgcc	tcccagatta	1320
atgcataaag	ccaaggaact	accccgctcc	ctgcgctata	gggtcacttt	aagctctggg	1380
gaaaaaggag	aaagtgagag	gagagtcttc	tgcacccctc	ctccttgctt	gtcaccagcgt	1440
tgcctttaa	ccaaattcta	accagcctat	ccccaggtag	ggggacgttg	gttatattct	1500
gtagagggg	gacggtcgta	ttttcctccc	taccgcca	gtcatccttt	ctactgcttt	1560
tgaggccctc	cctcagctct	ctgtgggtag	gggttacaat	tcacattcct	tattctgaga	1620
atgtggcccc	agctgtttgc	ctttgactcc	ctgacctcca	gagccagggt	tgtgccttat	1680
tgtcccatct	gtgggcctca	ttctgccaaa	gctggacca	ggctaaccct	tctaagctcc	1740
ctaacttggg	ccagaaacca	aagctgagct	tttaactttc	tcctctatg	acacaaatga	1800
attgagggt	ggaggagggt	gcacataacc	cttaccctac	ctctgccaaa	aagtgggggc	1860
tgtactgggg	actgctcgga	tgatctttct	tagtgctact	tctttcagct	gtccctgtag	1920
cgacaggctc	aagatctgac	tgcctccttt	ctctggcctc	ttcccccttc	cctcttctct	1980
tcagctaggc	tagctggttt	ggagtagaat	ggcaactaat	tctaattttt	atattataaa	2040
tatttggggt	tttggtttta	aagccagaat	tacggctagc	acctagcatt	tcagcagagg	2100
gaccatttta	gacccaaatg	tactgttaat	gggttttttt	ttaaaattaa	aagattaaat	2160
aaaaaatatt	aaataaaaca	tggcaataag	tgtcagacta	ttaggaattg	agaagggggn	2220
tcaactaaat	aaacgaagag	agtcctttct	aaa			2253

<210> 8024

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1555)...(1146)

<223> similar to gi3805938 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8024

atgtgaaaga	tggatgaatc	ttgggtagaa	gtgtgcagag	ggaagcagtg	tgagcagagt	60
gggaaagtgt	gaggagagcc	gtgaggagt	tggtgttggt	ggagagggga	ggaagacatc	120
ttgtggggaa	ggtcgggcgg	gttagagcat	agacttcctc	cagaggccag	gagaccatcg	180
gaggccagga	gatcatcggc	gagtgtggca	gggaaagggc	ctggtgaact	gactttccca	240
cttgcccttt	cgttgagaag	gagagtaaag	gccacgcctg	tcccatggct	gtttttaagt	300
ctcgagtgtg	gagattgttg	gtcgtggagg	gaggggtgtt	gcctctgcct	gaatccctgg	360
gggtctcactg	tattcacttt	tttctctcct	ttcagaatat	tccccaagc	actgagatac	420
taaagaaatt	gatgacaaca	aatgagattc	agagtaacat	ttatacatga	tcttaaacat	480
tgtttttag	tgtatattac	ttgtccattc	ctttaagggg	agcagcctgc	actcttttgt	540
agattacttt	tgggggatata	atgttgagaa	tgatgaaacg	gaataaaatt	gtaaaaaact	600
aaaagtaatc	tacaaaaagg	agtgcaggct	gcttccccct	taaaggggaat	ggacaagtaa	660
tatacactac	caaaaacaatg	tttaagatca	tgtataaatg	ttactctgaa	tctcatttgt	720
tgtcatcaat	ttcttttagta	tctcagtgtc	ttgggggaata	ttcttaacca	aacccttcaa	780
gcttctggta	gaaagtatag	gcttaaaagc	ttccactgtg	attaggtcta	atctcatcac	840
atcagtataa	cacaagtaca	gaattgctgg	gattttccat	acttgacagt	agcttagaac	900
tgctgcagga	aggctcgtgta	ctatatctcg	ttgttctagc	aatggacaac	acgccgagtc	960
tttgaaattc	tgtgttttta	gggctctcag	gaaaggagaa	ggaaggctgc	cggtggattc	1020
tgagggtttta	taatcggtaa	catgtcgaca	tgtgagaata	gttatctgca	tgttcttctc	1080

tggacaagag	ccaaaaacct	tttccagcca	ctgatactgt	tgatcttctg	caacatagca	1140
actgcactga	cagagaaaaa	ccgagggatt	ggatttttaga	tgataaaaca	cacaaaaagc	1200
ctctgtggag	gacagatgtg	tagtgtctgt	tgttctacac	cattcattcc	agagtttagc	1260
acaaccaact	tctcccaga	ctcctgaatt	cataacaaat	gatgacagaa	atgctactgc	1320
attatttctc	atagcaatta	taaacttgga	gcacggatat	ttttctagca	aagaaacttc	1380
caaagatgtt	tttgtttgtc	ttcgaaggag	ccgcacttcc	ctcttccgcg	ccagctgcag	1440
acgcacctcc	ctgtcctcgg	gcgtctccct	ccgcccctcc	tctctctcct	cttcgtctctc	1500
agtcccagct	cggcacggcg	ccttcaccac	ctctccgaag	aacgtggccg	ccatagccgc	1560
cccgtgaccg	gctggacaca	actgcagcgc	cgcgggaccg	cacgccgctt	gcgcgag	1617

<210> 8025

<211> 1323

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (208)...(589)

<223> similar to gi4200232 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8025						
gcagcctccg	ccccctcaac	cttcgcgggg	cgcgggccgc	agcttttctg	ttcacagcgg	60
gcagggaaag	ccgcgggaag	ggtactccag	gcgagaggcg	gacgcgagtc	gtcgtggcag	120
gaaaagtgac	tagctccctc	tcgttgtcag	ccagggacga	gaacacagcc	acgctcccac	180
ccggctgcca	acgatccctc	ggcggcgatg	tcggcccgccg	gtgcccagag	cctgcggggc	240
acctaccacc	ggctcctcga	taaagtggag	ctgatgctgc	ccgagaaatt	gaggccgttg	300
tacaaccatc	cagcagggtcc	cagaacagtt	ttcttctggg	ctccaattat	gaaatggggg	360
ttggtgtgtg	ctggattggc	tgatatggcc	agacctgcag	aaaaacttag	cacagctcaa	420
tctgctgttt	tgatggctac	agggtttatt	tggtcaagat	actcacttgt	aattattcca	480
aaaaattgga	gtctgtttgc	tgtaatttcc	tttgtggggg	cagcaggagc	ctctcagctt	540
tttcgtattt	ggagatataa	ccaagaacta	aaagctaaag	cacacaaata	aaagagtcc	600
tgatcacctg	aacaatctag	atgtggacaa	aaccattggg	acctagttta	ttatttggtt	660
attgataaag	caaagctaac	tgtgtgttta	gaaggcactg	taactggtag	ctagtctctg	720
attcaataga	aaaatacagc	aaacttttaa	taacagtctc	tctacatgac	ttaaggaact	780
tatctatgga	tattagtaac	atttttctac	catttgtccg	taataaacca	tacttgctcg	840
tatatacccc	ctgcctcctt	ctgttccagt	cagccaacat	atgtacataa	aagaacacac	900
aaattcaaga	agttggaaga	ttaaattatc	tgcttattta	gtgtaggatg	gtcaggtagc	960
tagctataag	tgaaaggaaa	ttttgctgaa	gagactgaga	aatgggtagt	ggaatgacta	1020
tcaagatgac	ctcaaaactat	ttaaaaacat	tttaacttgc	catgaagaat	cttgatgatt	1080
tttgtataaa	tgttgtataa	aattctttta	cagctacaga	tttttaaata	ggatcattgt	1140
aaagattaat	gagataatgt	tttaacatag	tgccctggctc	atgataagtg	ttaaattttt	1200
caattaccct	cagtaactga	taatgtagca	gaaaatactc	tatattcaga	cagacctgaa	1260
tttgaatccc	agctctatga	cttatctgtt	gtgacttttt	cttttttttt	ttgacacggg	1320
gcc						1323



<210> 8026  
 <211> 1490  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (117)...(665)  
 <223> similar to gi4927226 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8026  
 cctggagcca cacagggatc cggagcctgg gggaaaagcg gcgcgggagc cggcaccac 60  
 cgctggaggg gcggcgacgg cggccgtagc gacctcgga ggcaagcggg gccgccatgg 120  
 ccgagttccc gtcgaaagtt agcacgcgga ccagcagtc tgccgagggc gccgaagcct 180  
 cgggtgcggc gctgcgccc gacctgggct tcgtgcgctc ccgcctcggg gcgctcatgc 240  
 tgcctgcagc ggtgctgggg ctgctgggtg gggcgctgat tgcggacacc ccgtaccacc 300  
 tgcctccggc ctatggctgg gtgatgttcg tcgctgtctt cctctggctg gtgacaatcg 360  
 tcctcttcaa cctctacctg tttcagctgc acatgaagtt gtacatgggt ccctggccac 420  
 tgggtgtaat gatctttaac atcagcgcca ccgttctcta catcaccgcc ttcacgcct 480  
 gctctgcggc agttgacctg acatccctga ggggcaccgc gccttataac cagcgcgagg 540  
 ctgcctcggt ctttgcgtgt ttggtgatga tcgcctatgg agtgagtgc tcttcagct 600  
 accaggcctg gcgaggagta ggcagcaatg cggccaccag tcagatggct ggcggctatg 660  
 cctaaaccac ctgtgccacg gccccctctg gggctgaagc cgcgctggg tcacagagca 720  
 gggtcaccct gcaagcctga agctggggag cctgcgtgg agtcagccca acagggactg 780  
 catttgctcc tctctgcccg tcagacataa gctctcacag cgctaaggaa gcaggcccg 840  
 gctggcaggc atctcggtt gcaggaggcc aactgctgag acctcttctc catccccctt 900  
 attcagtggg agatgacggg ggatctgagg ctgtgtctct gccttgctt tagaggactt 960  
 cagcgtccaa gactggggcc cacccttctc accagcacta aatgcactaa caaggactcc 1020  
 agacctgcag cccagaccc gccgtagtat aagcctaaca agcaacacgt agcaccttag 1080  
 tctttgttcc aggagagctg agcaagctgg tgaaaccact ctccttcctt taaacaccgt 1140  
 ttcaaccaac ctctccctgg agccaacctg taaaaagtgg gttgattgct gacagcatgg 1200  
 tcttccctcc ctgcatttca gacataccag ttactgaaag caaatcagtt ttaagtgatt 1260  
 tctcagtgtc gaaaagcctg tccagggtttc cttccctttc ccaagcctct ctctgtaata 1320  
 ctccctttgg gcgaagctaa catcggtgcc tccccgacct tgctgactag gcacatggga 1380  
 cgcaaaggag ggaggggaagc aaggccttgc ctggcgagtt gtcattgtgt tggtggtgac 1440  
 tgttttattt tttttaataa aaataaagat gagagaaatt aaaaaaaaaa 1490

<210> 8027  
 <211> 2130  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1801)...(250)  
 <223> similar to gi4490304 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8027
tttttttttt ttgggctaga ggtttgggct ttaatggcag ctggggtaaa aggaaacaaa      60
aacagtaatt ctgaagagca cagggaaacag gcagccagga ccagcctggc ccattccagg      120
ccagctgagc tgaaatgctg attctgtcca gggggctgct gtatgtgtag actggtggca      180
gtcttgggga ctgaggcctc ttggagagaa ggaagactg tcggctcaga agtccatgga      240
gctgtggggc aggtagtcct tgcgaccgat gttgctgacc tgcttggctc gcatagcctc      300
gagtttgggg cagtcagtga tccgatgacc caggcccccg cagaaggcac agccgcgctc      360
tcctccaatg tccagcatgg actcatcccc gcaatgcagc acctgcagca cgggcggcac      420
cttctgcttg gcttctagca gcagcgcttt gaggtccatc agcactgact catcacacgc      480
tttggtgatg aaggtagtgg cgatgcctgt gtttcccag cgcccggtgc ggccaatccg      540
gtgtacatag ttctcaatct cctctggcat gtcataattg atgacgtgct ggatggcagg      600
gaagtccagg cccttggagg caacgtctgt ggctactagg acatccttct tgccctcccg      660
gaatgcctcg atggccttag tccgttcctc ctggtctttg ccccatgga tggctacggc      720
ctcaaccccc ttgagcagca ggtactcgtg gatggcgctc acgtctgcct tcttcttgc      780
aaagatgagt acaggcgggg gtgtcttctg caggcactcg agcaggtaca ccattctggc      840
ctcctccttc acatattcta cctcctggat gacatccagg ctggcagccc cagcgcgccc      900
cacattgatg gtcacaggct ttacaagggc actcttagca aagttctgaa tcttcttcgg      960
catggtggca ctgaagagca gggctctgtc ctggcccttg aagtaggaga agatggtacg     1020
gatgtcacc tcaagccca tgtcgatcat gcggtcagcc tcgtccaggg ccaggtagcg     1080
acagatgtct aggtcgacca tcttcttctg cagcaaatec atgaggcgcc ccggggtggc     1140
caccatcatg tgtacaccgt gtcggatggt ctccatctgc tctttcacgg acatgcccc     1200
aatgcagagg gcgcagcgca ggagtgggtg gctgtcctcc tgcagcaggc ggcagtagta     1260
ctccaggatg ccatgggtct gccggggccag ctcccgcgag gggcagatga tgagtccata     1320
gggccccctc cgctttgaga agggtaacct cttctcttgt tccaggcaga acatgatgac     1380
gggcaacgtg aacaccagtg tcttgccctga acccgtgaaa gcgatgccta tcatgtcacg     1440
gccagataga atggtgggga tgccctggat ctgaatgggt gttgggtggg gaatgccttt     1500
cttcttcagg cctctcagga tggctgcagg aaacttcatt tccttgaagc tcttgatggg     1560
tggtgggata cgtctccct ccaccaggat gtggtatttc ttccgcacgc gctcatgtcg     1620
ctcttcagac atgtcagaa cataacgggg tggagtccag ctggttttga tggggtcatc     1680
atacgtaatg cccttagcca tctccttcac tgacatcaat gctcggccct cggcaacact     1740
ctccaggatc ttctcttctt ccttcagctg cttctccttg gcagactctt tgcgcgcttc     1800
agccttctct ttaagggtgt ggtgctgac caggaggctg acgttggact gagggcctag     1860
cgggatgtcg tcctcatctc ccgggggttc actaccgctg tcctgctgct cttcctccgc     1920
agctcccttg cgtcttgcgt gcagcagctt ctggagcagt agctgccggc gctgccgtaa     1980
cggcacatag ggcacgtagt cctcgtcgtc ctcatcttcc gcctcggagc ggcttcctcc     2040
ggcaggcacc tcgtcgggtg gagcccgtt ccgttcgggt tccgactcct ccattctttg     2100
ctgcacgcat gcgcgcccgc gacgcggccg

```

<210> 8028

<211> 2761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2731)...(0)

<223> similar to gi5360123 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8028

tggtcagact	ggagataaat	tttgaaggga	gcaccaacag	gactttgttt	aaaaaattag	60
tgcaggggct	gggcatgggt	gctggtgctc	tcccccaact	ttcatactgg	aacaagagtt	120
aggctcaggt	ttacatgata	ctctactatt	cttttgtgaa	gaatgacaac	tgagtcagtt	180
ggttgagctt	gaagtgttcc	agtcctaagg	gattcactct	cacttaatgt	catatattgg	240
taagggtcct	acatgaggtc	agtgtttgtg	gctacatata	aagaccaatg	atgaaatgag	300
gaattatttt	tttttctttt	aataagggat	ggggctctgt	tatgttgccc	atgctggact	360
caaaactcca	gactcaaatt	cctgggctta	agctattctc	ctgcatcagc	ctcccaaata	420
gctgggacta	caggtgcatg	ccaccacacc	cagctagagg	caatgattct	taaagtctcc	480
gctggctatc	taggactctt	attaaatatc	ctgttacttt	aaaaaggcca	tccaaatata	540
ttttcttgaa	agaaacattt	atttatgata	tttattgggtg	aaataatttc	aaacaaatcc	600
agaacaggtt	ctcacacttt	gagcctttag	tgcaaaaaaca	ctatgccatg	cgggaaataa	660
aatgcttatc	cagtggagcg	ctcccctgat	gcattgaaat	attaggatac	tcaagcagaa	720
gacgacttat	gtgacagaaa	tctgctcata	aatctgcttg	aaaaaggcca	tgataaacct	780
catattaagg	tttctcacia	cataaatatg	cttaagcaac	ttaattccaa	cttaatttca	840
aaacacccca	ggaatcaact	atccctttta	ataaaaaaaa	taatcaattt	atattcttct	900
taaaagaact	ccaacaattt	aaaataagtt	ccaattccat	atatatatat	atatatatat	960
atatatatat	atatatacac	acacacacac	acacacacat	ttataactta	ggtgctcttt	1020
tgcgctatat	actttaattc	atgcaaaagt	gatagaggac	tggaactgag	gctctacaga	1080
ggcctttctg	agaaagctgt	gtagctcctt	actctggcga	agaacaaggg	ggtgtacatc	1140
ttgtcaatct	caaaagcact	gactgcagtc	tcaccagttg	atgtgtaagt	aatgtgacaa	1200
gaatgatgta	tccagatgag	tttgttgaac	ctctgggtgac	cactggaaca	tagctgtagc	1260
cccacatgaa	aactctgata	tgcttcttgt	acagggacac	gacgaaaata	tctgtattta	1320
tagtcaagtg	gtttttcttc	ttttttctta	gttattacag	caaatacttt	ggtctgattg	1380
tctgtgtctt	gtgacaagcg	atagtgaccc	agtagaattg	catcagtcct	ggtattccta	1440
gttcttaaac	gtggaacaat	ggactgaggg	tcttcagggg	ttgtcaacat	catcacatgg	1500
ccatcaggaa	agaatcttat	gtacctgtaa	tattccactt	ggtgccaggc	tctatagaaa	1560
ccatcaagag	actgttcccc	ttgacgaata	tatgtgggtt	tactgatata	cacgccatca	1620
aaccgaacac	gaggccgttc	taaaaacatc	tctctccagg	acgtgtacgg	aacaagttta	1680
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cagatgtaga	atcctctgca	caccagcgac	aactgctcca	atgatctgag	gtccaagtca	1800
ctagacacca	cccacgga	gatgtacatc	aggacctcca	ttggcagcac	tgatatgtga	1860
atctgactgc	tctcaagctc	aggctgacac	agtttaagca	cagactcctg	aaatgtgagt	1920
tgctgctgga	agtaggacaa	gagatctgcc	atthttgctgt	catcatcatt	atcttcaatg	1980
tagctgtttc	caacgccatc	accatctgga	gaccgggtat	aagtaatctt	gaactctata	2040
tcagggtacaa	gttgcatagc	cctacgataa	aacttgatgg	cttcatagag	agctccattt	2100
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tgttttctct	tggtatctgc	cgatgttttc	tggaagagagc	ctcttgctgc	tctgcaaggt	2220
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aacatctgga	gttgtgcctg	cagatctggt	tcagcaggac	tttcattttc	ttcatcatca	2340
tctgctctga	cagtatcaga	atgacaatct	tcctcagctt	ctgccatgct	ggcggggcgg	2400
cctgctgcgc	tcgaggggct	ctccgtgccc	cctctgcacc	gccccccgga	ggaggggtgc	2460
tgggtgtccg	ggtgtctact	cctgcctgtc	tctgcagcgg	agcttagcag	agttctcggg	2520
cggagaagcg	caccaggcag	cggcaataac	tgcgggcccg	gcgtacggca	gccatcttcg	2580
cggggcaggg	ggccagatcg	gggcgcgctg	gggtggcggc	ggctgccggg	gactcgggga	2640
gtggaggggac	gcccgttgcc	agccgaggcg	ggggattgtg	cgagcaccgg	agcgtcagcc	2700
ctactggaga	ccccggacgc	cgcgcgggag	ctgccccctc	agctgcggaa	acctgcgccc	2760
a						2761

<210> 8029

<211> 1926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1927)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1546)...(553)

<223> similar to gi5031506 in the genepept database release.114,

Run with FASTXY 3.3t00, default parameters

<400> 8029

tttttttttt	ttgtgagcaa	cagagatagt	ctttattcaa	acgcagagag	atccataaca	60
tggaaacact	gacgcttccg	aaaccgcccc	atttattcac	ttctcaagt	gccccgctt	120
ggatgcgccc	tcgggagagt	gggctcagca	cagcctagag	caccaggtct	gaggtatctg	180
caaccacgtg	ggagccaggc	ccctggacga	tgaaggacaa	tctcctggag	cagcaataac	240
ttataaggag	acataattta	gagtagctgg	agccttgggg	atgactttat	cctgcaggag	300
gaggaggctg	agagcagacg	ggacacgggg	gcccctaaga	agcaagggtg	ggaaaggagg	360
aggctgtttc	ccaatgcccc	tgccggccac	cagagggccc	ttcagtgcag	agatggtcgg	420
cgcggcctca	ccgcggtcag	gagcagcgcg	aaacccccctg	tgccctcggc	cgctgcagc	480
atgagcctgc	acaggagccc	ccgacacccc	atggctccgg	ggggccccag	gggctgcggg	540
gctctgggtc	tagacgcagt	tatcagggac	gcactcagcc	tcttcttcga	gctcggggca	600
ggggctcccc	ttgttgccgg	gctggacccc	gacgtagcga	gtcctgctct	tgggtcccgag	660
cctcccacag	tggcctccgc	acagtcccca	ggacgaccac	agggagacct	cgcagtccag	720
cggcggtttc	ggaactgagg	cgctgtctac	aatctcattg	tccttgctgg	gcaggactgg	780
ggcgggaggg	atgaaggccc	tggggctctg	tcgcagccgc	agcagtgtca	ccctggcgat	840
gggaggcagg	gccttcagcc	gcgggtagta	gaaggagtgt	gccgggtggc	tgggagagga	900
ggacgttatc	tcggtcaccg	tgtcctgcgg	gatggtggcg	aagtgggggg	aggagaaggt	960
gaagccgctg	tccgtcccgg	cgtcgtaggg	gtacaggtcc	agcgccgcct	gttcccgcc	1020
acggtccccg	tcgcacaggt	ccaggctgtc	cacgcccacg	aaccagtcgg	ggctgggcac	1080
gatgcgcacc	acaaacgaga	ccagcgagtg	cctgcgctgc	acctccagct	ccgccgacgt	1140
ctgcccgggtg	ccgctggggg	cggcggggcg	cgaaaacacc	gcgtgcacgc	tctgcagcgc	1200
ctcccccgcc	gcctcgatct	ccttcatcag	cgcccaggcc	tcgccgcgct	ccgcaaagtc	1260
gcgcagcccc	ttactgacgt	actggttctt	cctccacatg	ctgtagtcgg	agctatgcgc	1320
ggcccccagc	agcgaagacc	actgcgcagg	ggggcggaac	aggggggtact	gcttgggggaa	1380
ggcgtctctg	ctccacttgc	ccgtgaaggt	gatgctgtat	ttggccgggg	ctctggcgga	1440
acagatggat	tctcccccaa	gaggctggcc	ggcggcgccg	agagtggcca	ggaggagagc	1500
gcagagggcc	ttgcccaggg	cggcgggccg	gctgggggtt	tccatcacc	ggcaggagca	1560
gcggggagcgc	ggccggcagc	ggtcgggtcc	cagccagagc	ccggagctcc	tatttaagcc	1620
cgaggccggc	gccccggggc	ggccaatgag	gctccagttc	ctcctgtctt	cgatgtgca	1680
cggcctggcc	tccagcgaga	ggcagatagg	acgtgggaga	aaggaggaga	aggggctgcg	1740
ggggcgggcg	gggctgccgc	tttcccaact	cgccctgccc	agcgaccttc	cccggttcgg	1800
atcacccctc	ttccctggca	gtgctgccgc	acccctttct	ttgtctgtct	gtcctatccc	1860
tccctcgtgc	caagcttggc	gtagtcaggt	gaagactgta	tcgagttcaa	annnnnnccc	1920
ctgctc						1926

<210> 8030

<211> 1749

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1625)...(299)  
<223> similar to gi5734486 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8030  
cgcgtttttt tttttttccc ccccccaaaa aaagggggttt ttttcccccc catttttttt 60  
tttttcccc cggtttttttt cccccccct ttttttaaaa cccccccccc aaaaattttt 120  
tttggcccc aaaaaaaaaa aaattttttt ccccccccg ccacaaaaat tttttttttt 180  
taaaaggccc ccccccttt tttttttttt tttttttttt tttttttttt tttttttttt 240  
tatcagctag aagagatttt tttattgaag ggcgagtctc cggcatctga tggcagctac 300  
aactggatct cacggaacgc ccgcttctcc accagcttca ccttgactt gcgtttgaac 360  
ttggctctct ctcgaggctc gatcatattc ctctctgga agctcttgaa ccggtctcga 420  
aggatgttgc cctcgggctt cagggtcctg agcgagtctg tcagctccga gctcagctgc 480  
acgtcgatgt cagggtgctg gtacttgagc cgcccagcc ttcggggctt gtcagcctca 540  
gcctcccgc gcgctgcgc ccgctctgc cgccgcgcca gctccgccag cctcagggcc 600  
acctgggcct tgatcccgc cagccggaac agctcctggt gccggagccg ggcggccgcg 660  
aacgcggcct gctgtaccgc cagcctgtgc acagccttct ccgcgcgcg ctgctgctcc 720  
gtcttcttct ctgtggtggc caggcgggcg ggcgtgggac agacctcggc atccccagcc 780  
tccgccccct cgcctggcc tggctcccc tcaccatccg actcctccag cagccccctc 840  
cacagctcct ggaatgtgga ctctgggtg gcggcctgct ccgtggcggg cagggccagc 900  
tgccgctcca gcttctccgc ctcttctgc cgctgcaact ccacctcgtg ggccgctgag 960  
agcagggtct ggtggtcttc aaaggatgga ttgtaggaag ctccggcagg cgccacctcc 1020  
acggcgggcg cctgggacgc cttggtgtgc aggcgtgctg gccgcttcac tcctttcttc 1080  
ttggtctgct ccaggaaaaa ctcatcctgg ccaaccaacg gcctgtccag ggggttgtct 1140  
gaggcccaga ggtcgtagaa gggcgcctc acggtgtcct ggggcccggg cttggccctt 1200  
gttgacagaag ggttgaggag ccgggcctgg gccctgcgca cctcccgggg cagctcgcgc 1260  
tgcttgccca gcttctccca tagctgctcc ttccgcctga gcttcttggc gttggggacc 1320  
tggtgggcga ggacgtcttt gggggcaggg actttggatg tgttctcgag gatgaggta 1380  
acctgaagg gtttcttgag aagcagtgac ttcttctgga ctttggttct cttctttgtc 1440  
agcccttttt ccttgagacc agtgtccacg aagaagagtt tttcatttgg ggccctctgac 1500  
aacaagccac cgctcgtgc ctctgtagc cgcagctctt ccaggaactg gtcaacctcc 1560  
agccccagcg gctcctgagc aagccgcgc cagccccgct tcttatttct tgggcctcgc 1620  
cgccgcgcgc tcagcgtgg gtccaccgaa gtgggcgcga gcccaggaa accagaatcg 1680  
gcacgccttt tcgagctgcg cttcccacca acgcactgc ctctgcccgc catcttgtca 1740  
aaaaaaaaa

<210> 8031  
<211> 1638  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (14)...(587)  
<223> similar to gi498032 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8031
gcggccgccc aggatgggga aatccaacag caagttgaag cccgaagttg tggaggagct    60
gaccaggaag acctacttta ccgagaagga ggtccagcag tggtaaaaag gcttcatcaa    120
ggactgcccc agtgggcagc tggatgctgc aggtctccag aagatctaca agcaattctt    180
cccgttcgga gacccccacca agtttgccac atttgttttc aacgtctttg atgaaaacaa    240
ggacgggcga attgagttct ccgagttcat ccaggcgctg tcggtgacct cacggggaac    300
cctggatgag aagctacggg gggccttcaa gctctacgac ttggacaatg atggctacat    360
caccaggaat gagatgctgg acattgtgga tgccatttac cagatgggtg ggaataccgt    420
ggagctccca gaggaggaga acactcctga gaagagggtg gaccggatct ttgcatgat    480
ggataagaat gccgacggga agctgaccct gcaggaggtc caggagggtt ccaaggcaga    540
cccgctccatt gtgcaggcgc tgtccctcta cgacgggctg gtatagtccc aggctggagc    600
tggatgcctg ggaaccactc acctccttct gtgcatgag gccacctcag ccctgacacc    660
aaccctgctg gtccaccag ccttcttccg catccacaca cagccggtg cccttgacct    720
gggaggcccc ggctctcctc tccctgtcc tgcacccatc cccgcctga agccaccggc    780
tccaattgcc agcaacctct gcttgctcgg aaaacgacaa cacgaaatgg aaaaggctac    840
agccctctgc ataaaccaag gacttggctg cctcgcaggc agcctccgtt cctcccgtc    900
tcttgccgct gtgcttttgt tttttatttt gaacagacgt tttaaaagaa aaaaaaacia    960
ctacctctg tcctagaaga cacagactga cagatggggt gaaggcctgg ggacctcaga   1020
gaactctgcc ttgcctcgt cctcgtcct tcggcagccg gagaggctgt ggggtgggccc   1080
aggggtgcta ggggttctgc ctatgcaacg gaggatgat ttttttttgg tgataacagt   1140
accacctgcg tggctaggat gattaattat ttatttctgc ttttttttgg tgataacagt   1200
attgtgcttt ttgtggggaa agtgagggtt tttttttata tacatatata attgatattc   1260
ttaatttatt gggtgttaac tgttgctgct gcttggtgtg tctcagctc ccagggtctg   1320
gggcccaccg tttacatgtg cagccctga cccacctgcc cagccgatt tgggaggatg   1380
ggggcctgca ccggccaaaa agccaaaaaa aatttttttt ttttcaaaaa ctgggcttga   1440
ttttgggaaa ggggaaaggg ggaaattcct aaagggttaa ggccctgttc cttccagccg   1500
gaaggcctct tgccaaacct ttttctcttg ttgcctttgt ccccgaaatc ttgttttccc   1560
cgtgggcccga aaaatttttt ccgaggagga acaggggaca tcttaagggt tctaaacttt   1620
tgttttgggg tttgccc    1638
```

<210> 8032

<211> 2254

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (355)...(2006)

<223> similar to gi2765229 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8032
ttgccaaagct tggcacgagg gcgctgagct gcagtgtctg gtcgagagta cccgtggggag    60
cgtcgcgccc cggaggcagc cgtcccggcg taggtggcgt ggccgaccgg acccccaact    120
ggcgccctct cccgcgcggg gtcccagact aggagatggg aggcacagct cgtgggcctg    180
```

ggcggaagga	tgcggggccg	cctggggccg	ggctcccgcc	ccagcagcgg	agtgggtggag	240
ccacagtgtt	aaagaacaga	gaagtgatcc	ttaatcattt	agaattttgc	ctccaccatc	300
caccagaaaa	tgaagtggaa	agagaagttg	ggggatgggtg	tctatgacac	cttcatgatg	360
atagatgaaa	ccaaatgtcc	ccctgttca	aatgtactct	gcaatccttc	tgaaccacct	420
ccaccagaa	gactaaatat	gaccactgag	cagtttacag	gagatcatac	tcagcacttt	480
ttggatggag	gtgagatgaa	ggtagaacag	ctgtttcaag	aatttgga	cagaaaatcc	540
aatactattc	agtcagatgg	catcagtgac	tctgaaaaat	gctctcctac	tgtttctcag	600
ggtaaaagt	cagattgctt	gaatacagta	aaatccaaca	gttcatccaa	ggcaccctaa	660
gtgggtgctc	tgactccaga	acaagccctg	aagcaatata	aacaccacct	cactgcctat	720
gagaaactgg	aaataattaa	ttatccagaa	atttactttg	taggtccaaa	tgccaagaaa	780
agacatggag	ttattgggtg	tccaataat	ggagggtatg	atgatgcaga	tggggcctat	840
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gggagttttg	ggcaggtggc	cagggctctat	gatcacaaac	ttcgacagta	cgtggcccta	960
aaaatgggtg	gcaatgagaa	gcgctttcat	cgtcaagcag	ctgaggagat	ccggattttg	1020
gagcatctta	agaaacagga	taaaactggt	agtatgaacg	ttatccacat	gctggaaagt	1080
ttcacattcc	ggaaccatgt	ttgcatggcc	tttgaattgc	tgagcataga	cctttatgag	1140
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tccatcttgc	aatctttgga	tgccctccac	aaaaataaga	ttattcactg	cgatctgaag	1260
ccagaaaaca	ttctcctgaa	acaccacggg	cgcagttcaa	ccaaggtcat	tgactttggg	1320
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ccagaaatca	tcttaggaag	ccgctacagc	acaccaattg	acatatggag	ttttggctgc	1440
atccttgtag	aacttttaac	aggacagcct	ctcttccttg	gagaggatga	aggagaccag	1500
ttggcctgca	tgatggagct	tctagggatg	ccaccaccaa	aacttctgga	gcaatccaaa	1560
cgtgccaaagt	actttattaa	ttccaagggc	ataccccgct	actgctctgt	gactaccag	1620
gcagatggga	gggttggtgct	tgtggggggt	cgtcacgta	ggggtaaaaa	gcgggggtccc	1680
ccaggcagca	aagactgggg	gacagcactg	aaagggtgtg	atgactactt	gtttatagag	1740
ttcttgaaaa	ggtgtcttca	ctgggacccc	tctgcccgtg	tgacccagc	tcaagcatta	1800
agacaccctt	ggattagcaa	gtctgtcccc	agacctctca	ccaccataga	caaggtgtca	1860
gggaaacggg	tagttaatcc	tgcaagtgtc	ttccagggat	tggtttctaa	gctgcctcca	1920
gttgttgga	tagccaataa	gcttaaagct	aacttaatgt	cagaaaccaa	tggtagtata	1980
cccctatgca	gtgtattgcc	caaaactgat	tagcctagt	gacagagata	tgccagaga	2040
tgcatatgtg	tatatTTTTA	tgatcttaca	aacctgcaa	tggaaaaaat	gcaagcccat	2100
tggtggatgt	ttttgttaga	gtagactttt	tttaacaag	acaaaacatt	tttatatgat	2160
tataaaagaa	ttcttcaagg	gctaattacc	taaccagctt	gtattggcca	tctggaatat	2220
gcattaaatg	actttttata	ggtcaaaaaa	aaaa			2254

<210> 8033

<211> 981

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (306)...(849)

<223> similar to gil88543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8033

gaccctgcag	aggcggcggg	gctcctcctc	ccgctcctcc	tcggcctccc	cttcgggcgc	60
tctcgcgcta	actgtgctcc	tccggggccc	tccgcctgct	cccagccatg	gtggcctggc	120

gctcggcggtt	ccttgtctgc	ctcgctttct	ccttggccac	cctgggtccag	cgaggatctg	180
gggactttga	tgattttaac	ctggaggatg	cagtgaaga	aacttcctca	gtaaagcagc	240
catgggacca	caccaccacc	accacaacca	ataggccagg	aaccaccaga	gctccggcaa	300
aacctccagg	tagtggattg	gacttggctg	atgctttgga	tgatcaagat	gatggccgca	360
ggaaaccggg	tataggagga	agagagagat	ggaacatgt	aaccaccacg	accaagaggc	420
cagtaaccac	cagagctcca	gcaaatactt	taggaaatga	ttttgacttg	gctgatgcc	480
tggatgatcg	aaatgatcga	gatgatggcc	gcaggaaacc	aattgctgga	ggaggagggt	540
tttcagacaa	ggatcttgaa	gacatagtag	ggggtggaga	atacaaacct	gacaagggtta	600
aaggtgatgg	ccggtacggc	agcaatgacg	accctggatc	tggcatgggtg	gcagagcctg	660
gcaccattgc	cggggtggcc	agcgccctgg	ccatggccct	catcggtgcc	gtctccagct	720
acatctccta	ccagcagaag	aagttctgct	tcagcattca	gcagggtctc	aacgcagact	780
acgtgaaggg	agagaacctg	gaagccgtgg	tatgtgagga	accccaagtg	aaatactcca	840
cgttgccacac	gcagtctgca	gagccgccc	cgccgcccga	accagcccgg	atctgagggc	900
cctgtccagc	tgcaggcatg	cacaatggtg	ccaccgcttg	tcaccgggct	ccccccaccc	960
cttcatttgg	accgcagct	g				981

<210> 8034

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (60)...(1513)

<223> similar to gi2443870 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8034

cattgagaac	tgtaggaccc	gcttacgcc	agcttggcac	gaggcaagcg	gccacaagga	60
tggcaggctt	cgcgagctc	gggctgtcat	cgtggctcgt	ggaacaatgt	cggcagctgg	120
gtttgaagca	gcccacgccc	gtgcagctcg	gctgcacccc	cgccatcctg	gagggctcgag	180
actgcttggg	ctgtgctaag	acaggcagtg	ggaagacagc	agcgtttgtc	cttcccattct	240
tgcagaagct	gtctgaggat	ccctatggca	tcttctgcct	cgtcctgaca	cccaccaggg	300
agctggccta	ccagatcgca	gagcagttcc	gggtcctggg	gaagcctcta	gggctgaaag	360
actgcatcat	cgtcggtggc	atggacatgg	tggcccaggc	gctggagctc	tctcggaaac	420
cacacgtggt	catcgccacg	ccggggcgcc	tggcagatca	cctgcgcagc	tccaacactt	480
ttagtataaaa	gaagatccgc	ttcctggtga	tggatgaggc	agaccggctg	ctggaacagg	540
gctgcactga	cttcaccgtg	gacctggagg	ccatcctggc	ggctgtgccg	gcccgcaggc	600
agacactgct	gttcagcgcc	acgctgaccg	acacactccg	ggagctgcag	ggtctggcca	660
ccaaccagcc	cttcttctgg	gaagcacagg	ccccggtgag	caccgtggag	cagctggacc	720
agcgtacct	gctggtgcct	gagaaggtca	aggacgccta	cctgggtccac	ctgatccagc	780
gcttccagga	tgagcacgag	gactggtcca	ttatcatctt	caccaacacg	tgcaagacct	840
gccagattct	gtgcatgatg	ctgcgcaaat	tcagcttccc	caccgtgggt	ctgcactcca	900
tgatgaagca	gaaagaacgc	tttgccgccc	tagccaagtt	caagtccagc	atctaccgga	960
tcctgatcgc	aacagacgtg	gcctcccggg	gcctggacat	ccctacggta	caggtgggtca	1020
tcaaccacaa	cacccccggg	ctccccaaaga	tctacatcca	ccgagtcggc	cggacggccc	1080
gtgcagggcg	gcagggtcag	gccatcacgc	tgggtgacaca	gtacgacatc	cacctgggtgc	1140
acgccatcga	ggagcagatc	aagaagaagc	tggaggagtt	ctccgtggaa	gaggccgagg	1200
tgctacagat	cctcacacag	gtcaacgtgg	tgcgaagaga	gtgtgagatc	aaactggagg	1260
cggcccactt	tgacgaaaag	aaggagatca	acaaacggaa	gcagctgac	ctggagggga	1320



aggaccctga	cctggaggcc	aagcgcaagg	ctgagctggc	caagatcaag	cagaagaacc	1380
ggcgcttcaa	ggagaagggtg	gaggagacgc	tgaagcgaca	gaaggctggc	agggctggcc	1440
acaaggggcg	tccaccagg	acaccgtctg	ggccccactc	agggccagtc	ccctcccagg	1500
gcctgggtctg	agccccacac	ggccatctgc	ccagtccttg	actcgtccat	ggagctgagg	1560
gtcggaggaa	ccttccttgg	gggcagcagc	ccttcccggg	ggcctaccca	gtgccccaca	1620
gcagaaccgc	tgggcgtctg	tgttggtcgg	gccctgtccc	tctgccccga	aacctgtggc	1680
tggtccttcc	cctgagccct	ggccaagatt	caggctgcag	gggaagaaag	aacatgaccg	1740
ggaggttctg	accccaaccc	aaggtcaccc	cccaggggtg	ccgcatacag	gaggtgctta	1800
ataaacgggt	cttttgactt	cctcaaaaaa	aaaa			1834

<210> 8035

<211> 1135

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1079)...(553)

<223> similar to gi3779197 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8035						
accttagagt	tcttggccag	agttgactct	aggtagtgat	gtgattttct	tgggatgttt	60
ttctaaatat	tcttttatgc	taaagcacat	ggcttgatac	ttctgttgat	taagctcgtg	120
tctacttaca	gtcatctagt	gagaacctgt	gggtgtggta	gatgataact	tggctcttgg	180
tcttcatcat	ttgaactagt	tttggttttg	tcttgtccct	tccttgagca	ttttgtgtgt	240
gtttaatcct	at ttggtaaa	cgaaccactg	tgaaagacca	agttggagaa	aacagaacac	300
ccccaaaaca	tttatttttt	tttttagaaa	atcatggctc	actatggtag	tatacaatat	360
tgttttcaca	catgtacact	tgaaaccaa	tttctaaaac	ttgtttttct	taaaaaatag	420
ttgttgtaac	attaaaccat	aacctaatca	gtgtgttcac	tatgcttcca	cactagccag	480
tcttctcaca	cttcttttgg	tttcaagtct	caaggcctga	cagacagaag	ggcttggaga	540
ttttttttct	ttacaattca	gtcttcagca	acttgagagc	tttcttcag	ttgtcaagca	600
acagagctgt	atctgcaggt	tcgtaagcat	agagacgatt	tgaatatctt	ccagtgatat	660
cggctctaac	tgtcagagat	gggtcaacaa	acataatcct	ggggacatac	tggccatcag	720
gagaaagggtg	tttgtcagtt	gtttcataaa	ccagattgag	gaggacaaac	tgctctgcca	780
atttctggat	ttctttatct	tcagcaaaca	ctttctttta	agcttgactg	tgtgggcact	840
catccaagtg	atgaataatc	atcaagggtt	tgttgcttgt	cttggtttta	tatagagctt	900
cttcatatgt	ctgagtccag	atgagttggt	caccccaacc	tctggagagg	gtctggggca	960
gtttgggtcg	agagtccttt	gtgtcctttt	tggctccagg	tttgactgtg	gtatctcttg	1020
ccagagtgtg	ggagagggcc	acaaggagca	agaatgctga	cactggaatt	ttctccatgg	1080
caactctgga	tttcttcacc	cacctgcctt	gtgtgagtcg	gcggctagga	tgcgg	1135

<210> 8036

<211> 1084

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1085)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (916)...(573)  
 <223> similar to gi4588034 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8036

tttttttttt	ttatgctcaa	aagttaaatt	ttatttaccc	tgttcactgg	cccaaactta	60
aaatccttat	atcacataaa	gatttcatgg	accgttcctt	ctccctgcc	aaaatacgta	120
ttaggaacaa	attaagagta	agagttgggt	tttaaactgc	actttatttg	ttactgtaac	180
attctttttt	aactgatcaa	ccataagcat	gcaaaaagtt	ctctgaaact	gcttccactg	240
cctgttgat	agaaatgggt	aaattataaa	ggtgattcaa	tttgagctc	tttccttttt	300
tatagcactt	ctaagctgtg	tgcgcgacac	acaccacaga	ggtaggaagg	accaccttta	360
ataaattatc	ttcttaatcg	cagagaattt	ctgaagataa	aactgacaaa	atgctaaacc	420
aaggctttga	tgagtcccaa	aggaccacag	atccatcggc	tcctatttga	agaattcatc	480
ccctgtagtg	ttctagcctt	tgtagggcac	tggattacaa	gatccaccag	ggctctgaac	540
aactgcgcta	agaagccttc	taaccactct	catttgccga	ttctttggac	caccagttcc	600
tgctggcaga	gagggcagcg	attgttctgt	ttcaccacaa	gggacatgca	gcagttgtgg	660
aaggaatgat	tacattctcc	ccagaccaca	acacagtcct	cttgtttggt	ttcagcttga	720
catctaagac	aggcatccat	cacctggacc	ctgcagatgg	cgacagtatc	gcactccacg	780
tcccagctcc	acatggccac	cgcgttccac	ttcttgaggg	agaacatctt	gtcgctctcc	840
gacttgagc	ctgagctccc	ggagtggag	gccagggcgc	aggtttcctc	tccgtcttcc	900
acgtcgccca	tggcgccgcc	gcggagccga	cggcgagac	gttggttggt	ggaaggcgga	960
aggctagggc	ggctctgtgg	agccgcccga	cgggccacag	cgccgcccgc	aggccgccag	1020
ccaccgtggt	gcttagaccc	cggctggaat	tccnccgcnc	tggcgagatg	tctcaaggct	1080
caaa						1084

<210> 8037  
 <211> 2234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (111)...(2021)  
 <223> similar to gi4530688 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8037

aggggacgca	gcgaaaccgg	ggcccgcgcc	aggccagccg	ggacggacgc	cgatgcccg	60
ggctgcgacg	gctgcagagc	gagctgccct	cggaggccgg	cgtggggaag	atggccag	120

ccaccgccac	ctccccctgat	ggggggcacca	cgtttgagca	cctctggagc	tctctggaac	180
cagacagcac	ctacttcgac	cttccccagt	caagccgggg	gaataatgag	gtggtgggcg	240
gaacggattc	cagcatggac	gtcttcacc	tggagggcat	gactacatct	gtcatggccc	300
agttcaatct	gctgagcagc	accatggacc	agatgagcag	ccgcgcggcc	tcggccagcc	360
cctacacccc	agagcacgcc	gccagcgtgc	ccaccactc	gccctacgca	caaccagct	420
ccaccttcga	caccatgtcg	ccggcgcctg	tcatcccctc	caacaccgac	taccccgac	480
cccaccactt	tgaggtcact	ttccagcagt	ccagcacggc	caagtcagcc	acctggacgt	540
actccccgct	cttgaagaaa	ctctactgcc	agategccaa	gacatgcccc	atccagatca	600
aggtgtccac	cccgccaccc	ccaggcactg	ccatccgggc	catgcctgtt	tacaagaaag	660
cggagcacgt	gaccgacgtc	gtgaaacgct	gccccaacca	cgagctcggg	agggacttca	720
acgaaggaca	gtctgtctca	gccagccacc	tcacccgcgt	ggaaggcaat	aatctctcgc	780
agtatgtgga	tgacctgtc	accggcaggc	agagcgtcgt	ggtgccctat	gagccaccac	840
aggtggggac	ggaattcacc	accatcctgt	acaacttcac	gtgtaacagc	agctgtgtag	900
ggggcatgaa	ccggcggccc	atcctcatca	tcacaccct	ggagatgcgg	gatgggcagg	960
tgctggggcg	ccggtccttt	gagggccgca	tctgcgcctg	tcctggccgc	gaccgaaaag	1020
ctgatgagga	ccactaccgg	gagcagcagg	ccctgaacga	gagctccgcc	aagaacgggg	1080
ccgccagcaa	gcgtgccttc	aagcagagcc	cccctgccgt	ccccgccctt	ggtgccggtg	1140
tgaagaagcg	gcggcatgga	gacgaggaca	cgtactacct	tcaggtgcga	ggccggggaga	1200
actttgagat	cctgatgaag	ctgaaagaga	gcctggagct	gatggagtgt	gtgccgcagc	1260
cactggtgga	ctcctatcgg	cagcagcagc	agctcctaca	gaggccgagt	cacctacagc	1320
ccccgtccta	cgggccgggtc	ctctcgccca	tgaacaaggt	gcacgggggc	atgaacaagc	1380
tgccctccgt	caaccagctg	gtgggccagc	ctcccccgca	cagttcggca	gctacacca	1440
acctggggcc	cgtgggcccc	gggatgctca	acaacctatg	ccacgcagtg	ccagccaacg	1500
gcgagatgag	cagcagccac	agcgcccagt	ccatggtctc	ggggtcccac	tgactccgc	1560
caccccccta	ccacgcccac	cccagcctcg	tcagtttttt	aacaggattg	gggtgtccaa	1620
actgcatcga	gtatttcacc	tcccaagggt	tacagagcat	ttaccacctg	cagaacctga	1680
ccattgagga	cctggggggc	ctgaagatcc	ccgagcagta	ccgcatgacc	atctggcggg	1740
gcctgcagga	cctgaagcag	ggccacgact	acagcacgcg	gcagcagctg	ctccgctcta	1800
gcaacgcggc	caccatctcc	atcggcggct	caggggaact	gcagcgccag	cgggtcatgg	1860
aggccgtgca	cttcgcgctg	cgccacacca	tcaccatccc	caaccgcggc	ggcccaggcg	1920
gcggccctga	cgagtgggcg	gacttcggct	tcgacctgcc	cgactgcaag	gcccgcgaagc	1980
agcccatcaa	ggaggagttc	acggaggccg	agatccactg	agggcctcgc	ctggctgcag	2040
cctgcgccac	cgcccagaga	cccaagctgc	ctcccctctc	cttctgtgtg	gtccaaaact	2100
gcctcaggag	gcaggacctt	cgggctgtgc	ccggggaaaag	gcaaggtccg	gcccattccc	2160
aggcacctca	caggccccag	gaaaggccca	gccaccgaag	ccgcctgtgg	acagcctgag	2220
tcacctgcag	aacc					2234

<210> 8038

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(607)

<223> similar to gi2854187 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8038

tttcgtgcgg	gtccgaccgc	gcacaatggg	ccatggagtt	cccgttcgat	gtggacgcgc	60
------------	------------	------------	------------	------------	------------	----

tggtcccgga	gcggtatcacg	gtgctggacc	agcacctgag	gccccagcc	cgccgacccg	120
gaaccacaac	gccggccccgt	gttgatctac	agcagcaaat	tatgaccatt	atagatgaac	180
tgggcaaggc	ttctgccaag	gcccagaatc	tttccgctcc	tatcactagt	gcatcaagga	240
tgcagagtaa	ccgccatggt	gtttatatcc	tcaaagacag	ttcagcccga	ccggctggaa	300
aaggagccat	tattggtttc	atcaaagttg	gatacaagaa	gctctttgta	ctggatgatc	360
gtgaggctca	taatgaggta	gaaccacttt	gcacccctga	cttttacatc	catgagtctg	420
tgcaacgcca	tggccatggg	cgagaactct	tccagtatat	gttgcagaag	gagcgagtgg	480
aaccgcacca	actggcaatt	gaccgaccct	cacagaagct	gctgaaattc	ctgaataagc	540
actacaatct	ggagaccaca	gtcccacagg	tgaacaactt	tgtgatcttt	gaaggcttct	600
ttgcccatac	acatcgcccc	cctgctccct	ctctgagggc	aactcgacac	tctcgtgctg	660
ctgcagtcga	tcccacgccc	gctgctccag	caagggaagct	gccacccaag	agagcagagg	720
gagacatcaa	gccatactcc	tctagtgaac	gagaattttc	gaaggtagct	gtggagcctc	780
cttgccccct	aaacagggcc	cctcgccgcg	ccacacctcc	agccccacca	cccccccgct	840
ccagcagcct	gggaaactca	ccagaacgag	gtccccctcc	cccctttgtg	ccaga	895

<210> 8039

<211> 2840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1792)...(2475)

<223> similar to gi5817857 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8039

ctcaccaccc	tgtgccgccc	tgccttggtta	cctggaagca	cagccttggg	gactgagcag	60
gccctcactg	tcactttaag	aagggaatca	gccactttgt	gctcaccacc	tctggggaag	120
gtgtgagagg	agagaaggaa	gtggctgttt	ggctgctgac	aacatgaaga	cttcctgcga	180
tgagaacaga	ggcacagggt	ccggccctgc	agccccaga	accgggactg	gagggggcca	240
tggggcgccg	gaccctggcc	ctgccctggg	tgctgctgac	cctgctgtgc	actgcaggga	300
ccccggagg	gtgagtacaa	gttcggatgg	aggccaccga	gctctcgtcc	ttcaccatcc	360
gttgtgggtt	cctggagctc	ggctccatct	ccctggtgac	tgtgagcagg	gggggccccg	420
atggtgctgg	ggggaccacg	ctggctgtgt	tgcacccgga	acttggcatc	cagcaatggg	480
ccccctgctg	ccaggccccg	tgggaaaccc	agagcagcat	ctctctcacc	ctggaaggct	540
ctggggccag	cagccccctg	accaacacca	ccttctgctg	caagtttgcg	tccttccctg	600
agggctcctg	ggaggcctct	gggagcctcc	cgcccagctc	aaaccagggg	ctctctgtcc	660
cgccgactcc	tgccccatt	ctgcgggcag	acctggccgg	gatcttgggg	gtctcaggag	720
tccttctctt	tgactgtggc	tacctcttc	atctgctgtg	ccgacagaag	caccgccttg	780
cccctaggct	cagccatccc	cacaccagct	cctaggcact	gagagcacga	gcattggcac	840
ccagccaggc	ctcccaggct	gctctccacg	tcccttatgc	cactatcaac	accagctgct	900
gccagctac	tttgacacac	gctcaccccc	gacagggggc	cgctcctggtg	ggcatcactc	960
cccaccacac	ccgcacactg	gccccagggc	cctgctgcct	gggcctccac	atccatccct	1020
gcacatggca	gctttgtctc	tgttgagaat	ggactctacg	cttaggctgg	gcagaggcct	1080
ccctgcactg	gtcctggcct	cactcttttc	cctgaccctt	ggggcccagg	gccatggagg	1140
gacccttagg	agttcaatga	gagagaccat	gaggccactg	ggctttcccc	ttcccaggcc	1200
tcctgggtgc	cacccccctt	cgttattctt	gggcctctaa	taagtgtccc	acagggtgct	1260
ggccaggccc	acctgctgca	gatgtggtct	gtgtgtgtgc	atgtgtgggt	gtgtgtgggc	1320
acagggtgtga	gtgtgtgagc	aacagtaccc	cattccagtc	gtttcctgct	gtgactaagt	1380

cagcaacaca	gttcctctga	catgggcctt	ggctgtgctt	ctttgggggt	gaagagattg	1440
gggaggaagt	ctccaccct	gggaggcaga	agccaggcat	agcgcgctgg	ctaggactcc	1500
agtaccgtga	agggaggcag	tgagagcaga	catctgtgcc	tcattcctga	tctcaagggg	1560
aaagcaagaa	caaggaggc	ttcctcagga	tctcgaacct	gcggaaggag	gaccagtctg	1620
tgtacttctg	ccaagtccag	ctggacatac	agatcaggga	ggctgtcgtg	gcagtccatc	1680
aaggggaccc	acctcaccat	caccagggcc	ctcaggcagc	ccctccacag	ggccctctc	1740
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cccctgctgc	tgcccctgct	gctcctgctg	cagccgccag	catttctgca	gcctgggtggc	1860
tccacaggat	ctggtccaag	ctacctttat	ggggtcactc	aaccaaaca	cctctcagcc	1920
tccatgggtg	gctctgtgga	aatccccttc	tccttctatt	accctggga	gttagccata	1980
gttcccaacg	tgagaatatc	ctggagacgg	ggccacttcc	acgggcagtc	cttctacagc	2040
acaaggccgc	cttcattca	caaggattat	gtgaaccggc	tctttctgaa	ctggacagag	2100
ggtcaggaga	gcggttcct	caggatctca	aacctgcgga	aggaggacca	gtctgtgtat	2160
ttctgccgag	tcgagctgga	caccgggaga	tcaggagggc	agcagttgca	gtccatcaag	2220
gggaccaaac	tcaccatcac	ccaggctgtc	acaaccacca	ccacctggag	gccagcagc	2280
acaaccacca	tagccggcct	cagggtcaca	gaaagcaaag	ggcactcaga	atcatggcac	2340
ctaagtctgg	acactgccat	cagggttgca	ttggctgtcg	ctgtgctcaa	aactgtcatt	2400
ttgggactgc	tgtgcctcct	cctcctgtgg	tggaggagaa	ggaaaggtag	cagggcgcca	2460
agcagtgact	tctgaccaac	agagtgtggg	gagaagggat	gtgtattagc	cccggaggac	2520
gtgatgtgag	acccgcttgt	gagtcctcca	cactcgttcc	ccattggcaa	gatacatgga	2580
gagcaccctg	aggaccttta	aaaggcaaag	ccgcaaggca	gaaggaggct	gggtccctga	2640
atcaccgact	ggaggagagt	tacctacaag	agccttcac	caggagcatc	cacactgcaa	2700
tgatatagga	atgaggtctg	aactccactg	aattaaacca	ctggcatttg	ggggtgtgtt	2760
attatagcag	tgcaaagagt	tccttttatcc	tccccaaggga	tggaaaaata	caatttattt	2820
tgcttaccat	aaaaaaaaa					2840

<210> 8040

<211> 1568

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (194)...(1492)

<223> similar to gi313765 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8040

gcggaggaat	tctgccacga	acaggccaat	aaggagggag	cagtgcgggg	tttaaactctg	60
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taggtccttg	gctggtcggg	cctccggtgt	tctgcttctc	cccgtgagc	tgtgcctgg	180
tgaagaggaa	gccatggcgc	tccgagtcac	caggaactcg	aaaattaatg	ctgaaaataa	240
ggcgaagatc	aacatggcag	gcgcaaagcg	cgttctctacg	gcccctgctg	caacctccaa	300
gcccggactg	aggccaagaa	cagctcttgg	ggacattggg	aacaaagtca	gtgaacaact	360
gcaggccaaa	atgcctatga	agaaggaagc	aaaaccttca	gctactggaa	aagtcattga	420
taaaaaacta	ccaaaacctc	ttgaaaagg	acctatgctg	gtgccagtgc	cagtgtctga	480
gccagtgcc	gagccagaac	ctgagccaga	acctgagcct	gttaaagaag	aaaaactttc	540
gcctgagcct	attttggttg	atactgcctc	tccaagccca	atggaaacat	ctggatgtgc	600
ccctgcagaa	gaagacctgt	gtcaggcttt	ctctgatgta	attcttgag	taaatgatgt	660
ggatgcagaa	gatggagctg	atccaaacct	ttgtagtga	tatgtgaaag	atatttatgc	720

ttatctgaga	caacttgagg	aagagcaagc	agtcagacca	aaatacctac	tgggtcggga	780
agtcactgga	aacatgagag	ccatccta	tgactggcta	gtacagggtc	aaatgaaatt	840
cagggtgttg	caggagacca	tgtacatgac	tgtctccatt	attgatcggt	tcatgcagaa	900
taattgtgtg	ccaagaaga	tgctgcagct	gggtgggtgc	actgccatgt	ttattgcaag	960
caaatatgaa	gaaatgtacc	ctccagaaat	tggtgacttt	gcttttgtga	ctgacaacac	1020
ttatactaag	caccaaata	gacagatgga	aatgaagatt	ctaagagctt	taaactttgg	1080
tctgggtcgg	cctctacctt	tgcaacttct	tcgagagca	tctaagattg	gagagggtga	1140
tgctgagcaa	catactttgg	ccaaatacct	gatggaacta	actatggttg	actatgacat	1200
ggtgcacttt	cctccttctc	aaattgcagc	aggagctttt	tgcttagcac	tgaaaattct	1260
ggataatggt	gaatggacac	caactctaca	acattacctg	tcatatactg	aagaatctct	1320
tcttccagtt	atgcagcacc	tggtctagaa	tcagccatg	gtaaatcaag	gacttacaaa	1380
gcacatgact	gtcaagaaca	agtatgccac	atcgaagcat	gctaagatca	gcactctacc	1440
acagctgaat	tctgcactag	ttcaagattt	agccaaggct	gtggcaaagg	tgtaacttgt	1500
aaacttgagt	tggagtacta	tatttacaaa	taaaattggc	accatgtgcc	atctgtacaa	1560
aaaaaaaa						1568

<210> 8041

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (112)...(801)

<223> similar to gi4680705 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8041

aattcgtagg	gagaccctta	ggcactccgg	actaagatgg	cggcgacggc	caggcggggc	60
tggggagctg	cggctgttgc	cgccgggctg	cgcaggcggt	tctgtcataa	gttgaagaat	120
ccatacacca	ttaagaaaca	gcctctgcat	cagtttgtac	aaagaccact	tttcccacta	180
cctgcagcct	tttatcacc	agtgcagata	atgtttattc	aaacacaaga	taccccaaat	240
ccaaacagct	taaagtttat	accaggaaaa	ccagttcttg	agacaaggac	catggatttt	300
cccacccag	ctgcagcatt	tcgctccctt	ctggctaggc	agttatttag	gattgaagga	360
gtaaaaagtg	tcttctttgg	accagatttc	atcactgtca	caaaggaaaa	tgaagaatta	420
gactggaatt	tactgaaacc	agatatttat	gcaacaatca	tggaacttct	tgcatctggc	480
ttaccctgg	ttactgagga	aacacettca	ggagaagcag	gatctgaaga	agatgatgaa	540
gttgtggcaa	tgattaagga	attgttagat	actagaatac	ggccaactgt	gcaggaagat	600
ggaggggatg	taatctacaa	aggctttgaa	gatggcattg	tacagctgaa	actccagggt	660
tcttgtacca	gctgccctag	ttcaatcatt	actctgaaaa	atggaattca	gaacatgctg	720
cagttttata	ttccggagg	agaaggcgta	gaacagggtta	tggatgatga	atcagatgaa	780
aaagaagcaa	actcacctta	aaataatctg	gattttcttt	gggcataaca	gtcagacttg	840
ttgataatat	atatcaagtt	tttattatta	atatgctgag	gaacttgaag	attaataaaa	900
tatgctcttc	agagaatgat	atataa				926

<210> 8042

<211> 912  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (67)...(670)  
 <223> similar to gi5578990 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8042

aattgaattc	gagttcccta	gtccagtgcg	gtggaattcg	tctgggaagg	agagaaaatg	60
gcggcggagc	cgaacaagac	cgaaatccag	actcttttta	agaggcttcg	cgcagttcca	120
accaacaagg	cctgtttcga	ctgcggcgcc	aagaatccga	gttgggccag	catcacgtac	180
ggtgttttct	tgtgcattga	ctgttcgggg	gtgcaccgct	ccctgggcgt	ccatctgagc	240
ttcatcaggt	ccacagagtt	ggattccaac	tggaaactggt	tccagctgag	gtgtatgcag	300
gtcggcggga	atgccaatgc	gacggctttt	tttcgccaac	atggatgcac	agccaatgat	360
gccaacacca	aatataatag	ccgagctgcc	cagatgtacc	gggagaagat	ccggcagctg	420
gggagtgcgg	ccctggctag	gcatggcact	gatctttgga	tagacaacat	gagtagtgcc	480
gttcctaatc	actccccaga	gaagaaggac	tctgatttct	tcacagaaca	cactcaaccc	540
cctgcctggg	atgcgccagc	cactgagcct	tcagggaccc	agcagccagc	cccgtctaca	600
gagagcagtg	gcctggcaca	gccggagcat	ggcccccaaca	cagacctgct	tggcacctca	660
cccaaagcct	cactggaact	gaaaagctcc	atcattggca	agaagaagcc	agcagcagct	720
aagaaagggc	tgggtgccaa	gaaaggccta	ggggcccaaga	aggtgagcag	ccagagcttc	780
agtgagattg	agcggcaggc	tcaggtggca	gagaagctcc	gtgagcagca	ggcagccgat	840
gccaaagaagc	aggcggagga	gtccatggtc	gcctccatgc	gtctggccta	ccaggagctc	900
cagattgatc	gt					912

<210> 8043  
 <211> 1623  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1569)...(888)  
 <223> similar to gi4454690 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8043

aatacatgga	ggcagggact	ttgggtcaaa	ttactggggg	aaatggaaaa	gttaatatgt	60
atgtagtagg	gaacaggggt	tatactaggt	taggcagaga	agccttggag	ttttctcaga	120
atctgcactg	agggttaagg	gaggtatcta	tgaaaggggtg	tgcaacttcc	ccaaaccgca	180
gcaactccag	ccagtttccc	ggtactgcct	tgccttggtt	ttgcaggtgt	ggctggaccc	240
agtttaaata	tctggccaca	agctcagcca	gactctggtt	ccctcggtctg	ttcactccca	300
ctgggcttct	ggtcccagcc	ccatctcagt	cactgtggtt	ggtcagaaga	cagtaaattcc	360
caaacttgat	tagttgcaaa	gtccatctgg	cttggttttc	tgttgctgat	agagagacca	420

ggggagtttc	tgtgtgagag	aacggggggac	tattctcact	tcttccaccg	cacaagctgc	480
tcaaggtggg	ctgcatggct	ggtctggctg	gaaatactga	aacagctctc	cttcacctac	540
ccctagagta	ggccggatgt	gaccccagga	atgagaatat	accagggcag	atacagacac	600
agaaatgttt	tgcttgatgg	cattaggttt	attttgtggg	aaagcagaat	tggggctctc	660
tgaaaggcac	ttgtgaggca	tagaagtaaa	ggttgccaca	tggctaattg	tggacgtctt	720
cctggcatcc	ttgggggtag	gggaaagaca	gacagctccc	agggccacag	aaaatacctc	780
tatcagatag	agaaatccga	gtcccagtgc	cttatggtgg	agccaagggg	taagcagatg	840
gcctgctttt	tttatacgaa	gagtttgctt	cctccgggca	atcttaaagt	ctggcattca	900
cggctggagg	tatagggccc	atccacttct	ctcccagcag	gtgcgccagc	agctccatcc	960
ggtcagagcc	aaataacatg	tgggtttggc	catccacatg	ggccacgggt	atgggcagcc	1020
caaaggctcc	gtatctgcag	gctgcctcag	tggctctcctt	gagctggttc	ttcacctttg	1080
gcgttgcgat	cttttccaga	agtccctggg	cttggtctgc	agacatacca	gccttctctg	1140
cagccgccag	gatgctctgc	ggctcgggtg	tgtcttcatt	ccttgaccag	acgcgcatcc	1200
acagctcccg	ggacgctttc	tccagcatct	ctggatgctc	caagttcacg	gcggtgagga	1260
aacgcatggc	agacaaaactt	cctttttcaa	gcatcacaga	caagaaatcc	ttggggaagt	1320
ggatgggaat	ctggagatgg	tgtctcagga	gctttaagtc	atttgccatg	tatagtcctt	1380
tgcgggggaag	cagacctgga	ggcttgtttc	cactgtcttt	catgatccct	gttatgaggc	1440
tgggccgcaa	ctgcaggttg	atgttccaga	tattctgata	ccggcacagg	atctcgaagc	1500
ccagccagga	gtagggggac	agcacgtcat	agaagagctc	cacggtgcgc	ggcagggggc	1560
ccatgctgca	ggctccggaa	gagcagtggc	agcaggagct	ccttttcccg	gaacccggca	1620
gag						1623

<210> 8044

<211> 1619

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1115)...(693)

<223> similar to gi4929649 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8044

cctttttttt	ttttttaaca	tcaaatttgg	tttattttcaa	gtttgtaaca	aaatatattc	60
taggcaactt	ttcagacatt	gttttatagc	atcataaacc	ccataccact	gctgtcattc	120
caaaagctgc	caggacactg	gaagttatca	agtgggtccag	cccaggaata	caggtagaat	180
tcacatgata	ggtgataaga	aagcaatgtc	tgtggggccac	tctgatccct	ctttttacct	240
tggtaggtaa	ggtatgatct	taagactata	tgtactgagt	cctattagtc	agtgaaaaag	300
attaaagtga	caagttatgt	gctttgttcc	tatagctttg	aagttcatcc	acctcaccag	360
caattggaag	gtctcaggtc	ttgcaggctc	tacccatgtg	taatcctggg	gcagggtgtga	420
atcttgattt	ttttaagaga	ttactcaagg	gagagaacaa	cagaaacgga	agccatgagt	480
actgccccaa	ttctagatta	ggttagaggt	tagaataaat	taactaatgg	ggagtggtag	540
tgggtagcag	tcagacccag	gagacagatt	tgtgtggttt	cctgatctca	gcaaggtcta	600
aggaaaaaag	cctccccgcc	ccccacctt	aaatagtggc	atcaagtcac	gaaggccagt	660
gaaacgtggt	tagtctcgta	aaatgacttc	cagttcttcc	aggtecttct	ggatagccaa	720
atcctccttc	gtgacatctg	gcagctccag	ggccaacttc	atccaccatc	tagcttcaga	780
gtttttccct	agttctctgt	agcacttgga	aatatatacc	cttcctgctt	tggaaaaatcc	840
tggctgtagt	tcttcagcct	ttaggaagct	ctggagggca	tcttccacag	tggcactgag	900
agggctttca	agcaaggctg	tagcagtttt	tttttctagc	cagctcaggt	gagagacctg	960



atagcaccac	ctgccaagaa	gaaagtgagc	catgggggttt	tctggctgga	gagcaatggc	1020
tttgtccaca	tgctccttga	agctaaagcc	actctggatg	cgcctctgga	tgctctcatg	1080
ctcagccagc	tgaccacaaa	gcaccgcata	cctagggggg	aagcagcaag	ctcagggaca	1140
agggctgagt	accatcactg	caaggaatgg	atgccccaac	cacagcctag	ttgcattgtc	1200
cgctatccct	gtaccctcaa	ctagagctga	aaatacctaa	ttttcatctg	tacgtaatcc	1260
ccattcttta	cggacctctg	gcccccaatta	gtattcttta	gtagataatg	gtaggcttac	1320
aagtctccaa	agtattctag	gtataaaaaa	agctgggttc	accacagtaa	atctctctta	1380
cacagtaaat	ctctcctaca	ctcataagga	gtacagccac	aggcattaat	aaaaacttga	1440
aaagcatgaa	aacaatcagc	ataaaaagtat	gagacctgac	tatactactt	atcttctggg	1500
cagacaaaaa	agtgggtctc	attagccttt	aagcatacag	gtgtatcact	gggacttggg	1560
aagcaatttc	ttaggatagt	cacattggga	ggggatattc	taggaatttc	tgatgttac	1619

<210> 8045

<211> 2191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (39)...(379)

<223> similar to gi927071 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8045

agctgcagcg	gcagaggcag	catccagcgg	cggcgccagc	agttccagtc	cgttgcttta	60
ctttttgctt	caccgacata	gtcattatgc	cgaagagaaa	gtctccagag	aatacagagg	120
gcaaagatgg	atccaaagta	actaaacagg	agcccacaag	acggctctgcc	agattgtcag	180
cgaaacctgc	tccaccaaaa	cctgaaccca	aaccaagaaa	aacatctgct	aagaaagaac	240
ctggagcaaa	gattagcaga	ggtgctaaag	ggaagaagga	ggaaaagcag	gaagctggaa	300
aggaaggtac	tgcaccatct	gaaaatggtg	aaactaaagc	tgaagagatc	cacatctctc	360
gctcaactgt	taatgtctca	acctccagag	gcacccacc	cagcacactg	tcagtaaagg	420
ggcagattga	aacagtgaga	gttaagggca	cagaaaactg	aatctgtaga	taacgaggga	480
gaatgaattg	tcatgaaaaa	ttgggggtga	ttttatgtat	ctcttgggac	aacttttaaa	540
agctattttt	accaagtatt	ttgtaaatgc	taatttttta	ggactctact	agttggcata	600
cgaaaaatata	taaggatgga	cattttatcg	tctcatagtc	atgctttttg	gaaatttaca	660
tcacctctcaa	gtaaaataaaa	tatcagttaa	atattggaag	ctgtgtgtaa	gattgattca	720
gcattccatg	cacttgcttt	aaaatttagt	cctgtgcata	ctgtggtggt	tttactgtgc	780
atatttgaat	ttttttgcag	acaagtaaac	cttttatttt	aaaccacaaa	tagtcagcag	840
gtggccacaa	ctatccatgt	ttcattaaaa	tcacataaaa	cctaggtaca	aaagcaccac	900
tgattattgc	tctagaaaaa	ctgcatgaaa	aattcaaata	tgcacagtaa	aaacaccaca	960
gtatgcacag	gactaaattt	taaagcaagt	gcatggaatg	ctgaatcaat	cttacacaca	1020
gcttccaata	tttaactgat	atttatttta	cttgaggatg	atgtaaattt	ccaaaaagca	1080
tgactatgag	acgataaaat	gtccatcctt	atatattttc	gtatgccaac	tagtagagtc	1140
ctaaaaaatt	agcattttaca	aaatacttgg	taaaaatagc	ttttaaaagt	tgtcccaaga	1200
gatacataaaa	atcaacccca	atttttcatg	acaattcatt	ctccctcggt	atctacagat	1260
tcagtttttct	gtgcctgtga	aaaagaaagg	aaaaaaaaaac	atatagttaa	tactgaaact	1320
actataagca	aaggaaattg	ccaccaccca	acacacacag	ttttggaaca	tttgttttct	1380
tttttttttt	ccagcttttac	tgcaaaacct	atttcaactt	tgagtgaaga	agacaaggca	1440
ggaatatatt	acacaaacac	tttgtttcat	ttaatgcttt	ctgcttttca	aacccccaca	1500
gaagccttac	ctgcaagctc	ccacttttta	taatgattaa	aaaaaaaaaa	ccaccacact	1560

actatctgat	tctagtcact	gcaaacatgc	agaattttct	actgtaccct	taactctcac	1620
tgtttcaatc	tgccccttta	ctgacagtgt	gctgggtggg	gtgcctctgg	aggttgagac	1680
attaacagtt	gagcgagaga	tgtggatctg	caataacatt	acaggcaata	aaaagagaca	1740
ttaagaacgt	gctatcaccg	gctgaaggat	tgagaaattt	ctttaaagac	actgattcaa	1800
tcagtgggag	gtattttatg	aaagtacctc	ttcagcttta	gtttcaccat	tttcagatgg	1860
tgcagtacct	tcctttccag	cttctgctt	ttctctctc	ttcccttag	cacctctgct	1920
aatctttgct	ccaggttctt	tcttagcaga	tgtttttctt	ggtttgggtt	caggttttgg	1980
tggagcaggt	ttcgctgaca	atctggcaga	ccgtcttggt	ggctcctgtt	tagttacttt	2040
ggatccatct	ttgccctctg	tattctctgg	agactttctc	ttcggcataa	tgactatgtc	2100
ggtgaagcaa	aaagtaaagc	aacggactgg	aactgctggc	gccgccgctg	gatgctgcct	2160
ctgccgctgc	agctgctcac	gcgcagggca	c			2191

<210> 8046

<211> 1648

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (115)...(1091)

<223> similar to gi5327002 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8046

tttcgtcccc	gggagagtg	gcctctgctc	gtgggtgggt	ctcgtggagg	tcagctcccc	60
cgtgtctccc	ctcgacaggg	tgcttgggca	gagcccatcg	ggtaggcgcg	ggccatggcg	120
cagtacaagg	gcaccatgcg	cgaggcaggc	cgtgccatgc	acctcctcaa	gaagcgcgaa	180
aggcagcggg	agcagatgga	ggtgctgaag	cagcgcatcg	ccgaggagac	catcctcaag	240
tcgcaggtgg	acaagaggtt	ctcggcgcat	tacgacgccg	tggaggccga	gctgaagtcc	300
agcacggtgg	gctgggtgac	cctgaacgac	atgaaggccc	ggcaggaggc	cctggtcagg	360
gagcgcgagc	ggcagctggc	caagcgccag	cacctggagg	agcagcggct	gcagcaggag	420
cggcagcggg	agcaggagca	gcggcgcgag	cgcaagcgta	agatctcctg	cctgtccttt	480
gcactagacg	acctcgatga	ccaggccgac	gcggccgagg	ccaggcgcg	cggaaacctg	540
ggcaagaacc	ccgacgtgga	caccagcttt	ctgccagacc	gtgaccgcga	ggaggaggag	600
aaccggctcc	gagaggagct	gcgccaagag	tgggaggcgc	agcgcgagaa	agtgaaggac	660
gaggagatgg	aggtcacctt	cagctactgg	gacggctcgg	gccaccggcg	cacggtgcgg	720
gtgcgcaagg	gcaacacggg	gcagcagttc	ctgaagaagg	cgctgcaggg	gctgcgcaag	780
gacttcctgg	agctgcgctc	cgccggcggt	gagcagctca	tgttcatcaa	ggaggacctc	840
atcctgccgc	actaccacac	cttctacgac	ttcatcatcg	ccaggggcgag	gggcaagagc	900
gggccgctct	tcagcttcga	tgtgcacgat	gacgtgcgcc	tgctcagcga	cgccaccatg	960
gagaaggacg	agtcgcacgc	gggcaagggt	gtgctgcgca	gctggtacga	gaagaacaag	1020
cacatcttcc	ccgccagccg	ctgggaggcc	tatgaccccg	agaagaagtg	ggacaagtac	1080
accatccgct	aacacccgcc	tgccagagcg	gaaaccgggg	gtgggggggag	acactcattt	1140
ctaggcccca	tcaccagtca	cttgatttct	tgaccttgat	ttcttcccc	aaatttaata	1200
aagacagagg	gttctcatga	ttcacattgg	ttgtgctatt	gctgatgtta	tgctttgggt	1260
gcttggttgg	tcttttctga	gtattttagt	gttgccacct	ggatttgcct	gccattgctc	1320
ctgcctgaag	cctgtaattg	aaaacccatg	actgggcccc	actgtccaga	cagaaattag	1380
aataggaggc	cacatttttt	accctgggtg	ttatgaagcc	atggacttgg	gggcccacag	1440
tgaactgagt	ttgattcccc	gacacagcct	cctccttgct	gtgtagtttt	gggtaagctt	1500
attaaacccc	catgcctcag	tttggtcacc	tgtaaaagga	aataacaaga	gcacttactt	1560

tataagattg atgtgagtat taagtgaatt aatatttgta aaacgcttag ctcttaataa	1620
atgtttctgt tgttattaaa aaaaaaaaa	1648

<210> 8047  
 <211> 1292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (257)...(907)  
 <223> similar to gi5302783 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8047	
tttcgtgcg	60
ttttttggca	120
cagatcgca	180
tctccaggat	240
gatgggaatc	300
cgtctgctg	360
cgagcccg	420
catgcccgc	480
gcgctgccgc	540
cctggatatg	600
tctggcgaa	660
ccctgaccct	720
tgagacatcc	780
aaccttgga	840
agaaaacgat	900
aaagccagaa	960
gcaagcaacg	1020
cggtcgtcac	1080
aggagatcca	1140
aattagccgg	1200
agaatcaatt	1260
ctgggcaaca	1292

<210> 8048  
 <211> 1782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (101)...(1214)

<223> similar to gi5262487 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8048
tttcgtggct gcgtggtacg ccatggtgac agggctgttc ccggggaggc tgtgatgggt      60
tgacaggtgc gtgacagtgg gagctgctct cggcacaagc atgtacggca aaggcaagag      120
taacagcagc gccgtcccgt ccgacagcca ggccccgggag aagttagcac tctacgtata      180
tgaatatctg ctccatgtag gagctcagaa atcagctcaa acatttttat cagagataag      240
atgggaaaaa aacatcacat tgggggaacc accaggattc ttacattctt ggtggtgtgt      300
attttgggat ctctactgtg cagctccaga gagacgtgaa acatgtgaac actcaagtga      360
agcaaaagcc ttccatgatt acagtgtctg agcagctccc agtccagtgc taggaaacat      420
tccccagga gatggcatgc cagtaggtcc tgtaccacca gggttctttc agccttttat      480
gtcacctcgg taccctggag gtccaaggcc cccattgagg atacctaatc aggcacttgg      540
aggtgtccca ggaagtcagc cattactccc cagtggaaatg gatccaactc gacaacaagg      600
acatccaaat atgggtgggc caatgcagag aatgactcct ccaagaggaa tggtgccctt      660
aggaccacag ttcttgacct cttggttatc attacgaac tatggagggtg caatgagacc      720
cccactgaat gctttagggtg gccctggaat gcctggaaatg aacatgggtc cagggtggtg      780
tagaccttgg ccaaacccaa caaatgccaa ttcaatacca tactcctcag catctcctgg      840
gaattatgta ggtcctccag gaggtggagg gccaccagga acacccatca tgcctagtcc      900
agcagattca accaactctg gtgataacat gtatacttta atgaatgcag tacctcctgg      960
acctaacaga cctaattttc caatgggccc tgggtcagat ggtcccatgg gtggattagg     1020
aggaatggag tcacatcaca tgaatggctc tttaggctca ggagatatgg acagtatttc     1080
caagaattct cccaataata tgagcctgag taatcaaccg ggactccaa gggatgatgg     1140
cgaaatgggg ggaaatttct taaatccttt tcagagttag agttactccc ctagcatgac     1200
aatgagcgtg tgatccatta ccaagtctcc tcatgaaaac cacagttagt cagcccttca     1260
cagaactact acggaagaaa attattcatc acagtgtaca gttaaacaaa ggaatctcag     1320
tcacacaaaa ccaacctttt tatttcctgc tctctcccct cttttgtgaa gaaagcgggt     1380
ccaaatgtga ttcaaacaac tgtacggagt ggcatattag aattgcccta aactgaactg     1440
caaataatta tgttgttatg tatatgtgtg ggaaagagaa tgtactgtat atgtgtatgt     1500
tatacagaca tatacacata catacattga cccacaggac attgtaaaat attatcacat     1560
gacatcttaa gtagaaataa gtagggactt ttattccatc ctttttttca cgtttacatt     1620
ttaattatta caagttgctc ctgccccctc cctgaactat tttgtgctgt gtatatcact     1680
gctttatata agttattttt taaggtgaac tcagatgtta tggttttgta aatgtctgca     1740
atcatggata ggaataaaat cgcttatttg agagctttca tc                          1782

```

<210> 8049  
<211> 2240  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (138)...(692)  
<223> similar to gi163722 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8049

tttcgtgcgc	ggcagcggca	ggaccgccgt	ggcgcctaga	gtagcgaccc	ggggggagcg	60
cggggcgacg	ctggctgcag	ggaccgcggtg	acagcgtgag	aggttcgcag	agtactaggt	120
tttgacaagc	ttgcatcatg	cgtgagtata	agctagtcgt	tcttggctca	ggagggcgttg	180
gaaagtctgc	tttgactgta	caatttggtc	aaggaatttt	tgtagaaaaa	tacgatccta	240
cgatagaaga	ttcttataga	aagcaagttg	aagtagatgc	acaacagtgt	atgcttgaaa	300
tcttggatac	tgcaggaacg	gagcaattta	cagcaatgag	ggatttatac	atgaaaaatg	360
gacaaggatt	tgcattagtt	tattccatca	cagcacagtc	cacatttaac	gattttacaag	420
acctgagaga	acagattcct	cgagttaaag	acactgatga	tgttccaatg	attccttggtg	480
gtaataagtg	tgacttggaa	gatgaaagag	ttgtagggaa	ggaacaaggt	caaaatctag	540
caagacaatg	gaacaactgt	gcattcttag	aatcttctgc	aaaatcaaaa	ataaatgtta	600
atgagatctt	ttatgacctt	gtgcggcaaa	ttaacagaaa	aactccagtg	cctgggaagg	660
ctcgcaaaaa	gtcatcatgt	cagctgcttt	aataacttaa	atgcattgta	gctctgagcc	720
aggtctgaag	aactgttgcc	caattcaaca	gtgccagcat	tccaactttg	ttaaacctac	780
caacatctta	aatggacttt	cctgtggtgg	taccctttta	gaggcggtatg	aaagctacta	840
tatcagtttg	cacattctaa	tcactttcca	gtatcacaag	agagattttt	acttatataa	900
tagtcctaga	gtttgcagct	ggtaaaacca	gaggctacat	ccagtattac	tgctaagaga	960
cattcttcat	ccaccaatgt	tgtacatgta	tgaaaatggt	gtactgtata	ctttaacatg	1020
ccccatactt	tgtattggag	agtacaataa	tgtaaactct	aaaagcacca	ctatttttagc	1080
ataataaaaag	aaagtccaaa	gagctcctat	atagactact	ccagataact	tcgcttcttt	1140
gatacttgta	gcttattgta	atttttttta	agaaattcaa	ggtcattatt	attgtacaaa	1200
ataagcgctt	tgattaacac	agctatatag	tttttttaat	ttttaaaaaa	cctgtggaga	1260
cggatgatctt	gtctttaaaa	catgatagtc	ctttcagtat	aatgtcttag	attaaagacg	1320
ttgcctttta	tatctgttgg	gaaggaaatg	tccagacttt	tcaaactctt	tattatatgt	1380
ttcctttttt	tgtttacata	gggaacaatg	tttatagtcg	tgtgtacagt	gggggtctac	1440
aacaagaagt	gtatattttc	aaacaatttt	ttaatgattt	aacaattttt	gtaaatcatt	1500
ttcaggcttc	tgcagctgta	gattctcact	gtgaatccct	tgcttgctca	tgcataagtg	1560
tatttgcaat	accaaataa	caggtttagt	atttttgcct	gttagtgatt	gtttcacatg	1620
tgtaacgttt	tggttgagat	gttaaaggt	ggacgagtac	tgtggatgtg	aatgtgggaa	1680
gtaattttta	tcatatgtaa	ttggtcacia	ggcctaattt	gcagtaacta	ttgctgtttt	1740
atttaacaat	gccttgttgc	tttgtatgca	ttaatgtttg	gatgtaaaga	ttgtgtgtct	1800
atccaacagg	gagccacagt	atttaaattg	accaacctaa	tgttacaact	actttgaggt	1860
ggccaaatgt	aaactaaaag	ccttaattaa	agtggtgcaa	ttttgtataa	cttagcatca	1920
gtagttcaat	aaatttgcac	cactttaatt	aaggcttttag	tttacatttg	gccacctcaa	1980
agtagttgta	acattaggtt	ggccaattta	aatactgtgg	ctccctgttg	gatagacaca	2040
caatctttac	atccaaacat	taatgcatac	aaagcaacaa	ggcattgtta	aataaaaacag	2100
caatagttac	tgcaaattag	gccttgtgac	caattacata	tgattaaaat	tacttcccac	2160
attcacatcc	acagtactcg	tccaccattt	aacatctcaa	ccaaaacggt	acacatgtga	2220
aacaatcact	aacaggcaaa					2240

<210> 8050

<211> 496

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (423)...(92)

<223> similar to gi57119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8050
tttttttttt ttaaggtagt aagtttttta atccacttaa aaatacaaga gcacaaatcc      60
acattttatt attgattttt cgttagttta aatccttgag gggtagagca tcaactcgat      120
tctgtgtcca atggccttag caggaagatt gcttcggaat ttggcacgaa ccatgccact      180
gtttccatgg gcccgagtta cttttcccca gatgactctg gttttgtttg gtttgccgcc      240
aggagtgact gtgttgttct ttgctttata tacataagcg catctcttgc ccaaatagaa      300
ttctgtttca tctcgggcgt aaacaccttc aattttaaga agagctgtgt gtcacctttg      360
gttccggaga ccccgttat agccagcaaa aatggccttg gaccacagcc ttccagacat      420
agttcctttt agaagtcctg ctcccagcag gccccacag gagccaagat ggcggtaaga      480
gaaagcgggg gggggg

```

```

<210> 8051
<211> 1956
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1957)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (50)...(1496)
<223> similar to gi4678722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8051
tttcgtctca agcaggattc ttcccagatc cctggcatcc tcagaagctt caactctgga      60
ggcaatgggt cgaaaggaag aagatgactg cagttcctgg aagaaacaga ccaccaacat      120
ccggaaaacc ttcattttta tggaagtgtt gggatcagga gctttctcag aagttttcct      180
ggtgaagcaa agactgactg ggaagctctt tgctctgaag tgcatacaaga agtcacctgc      240
cttccgggac agcagcctgg agaatgagat tgctgtgttg aaaaagatca agcatgaaaa      300
cattgtgacc ctggaggaca tctatgagag caccaccacac tactacctgg tcatgcagct      360
tgtttctggg ggggagctct ttgaccggat cctggagcgg ggtgtctaca cagagaagga      420
tgccagtctg gtgatccagc aggtcttgtc ggcagtgaag tactacatg agaatggcat      480
cgtccacaga gacttaaagc ccgaaaacct gctttacctt acccctgaag agaactctaa      540
gatcatgata actgactttg gtctgtccaa gatggaacag aatggcatca tgtccactgc      600
ctgtgggacc ccaggctacg tggctccaga agtgctggcc cagaaaccct acagcaaggc      660
tgtggattgc tggctccatg gcgtcatcac ctacatattg ctctgtggat acccccccatt      720
ctatgaagaa acggagtcta agcttttcga gaagatcaag gagggctact atgagtttga      780
gtctccattc tgggatgaca tttctgagtc agccaaggac tttatttgcc acttgcttga      840
gaaggatccg aacgagcggg acacctgtga gaaggccttg agtcacccct ggattgacgg      900
aaacacagcc ctccaccggg acatctaccc atcagtcagc ctccagatcc agaagaactt      960
tgctaagagc aagtggaggc aagccttcaa cgcagcagct gtggtgcacc acatgaggaa     1020
gctacacatg aacctgcaca gcccgggcgt ccgcccagag gtggagaaca ggccgcctga     1080
aactcaagcc tcagaaacct ctagaccagc ctcccctgag atcaccatca ccgaggcacc     1140
tgtcctggac cacagtgtag cactccctgc cctgacccaa ttaccctgcc agcatggccg     1200
ccggcccact gccctgggtg gcaggtccct caactgcctg gtcaatggct ccctccacat     1260
cagcagcagc ctggtgccca tgcatacagg gtccctggcc gccgggcccct gtggctgctg     1320

```

ctccagctgc	ctgaacattg	ggagcaaagg	aaagtccctc	tactgctctg	agccacact	1380
cctcaaaaag	gccaacaaaa	aacagaactt	caagtcggag	gtcatggtac	cagttaaagc	1440
cagtggcagc	tcccactgcc	gggcagggca	gactggagtc	tgtctcatta	tgtgattcct	1500
ggagcctgtg	cctatgtcac	tgcaattttc	aggagacata	ttcaactcct	ctgctcttcc	1560
aaacctgggtg	tctatccggc	agagggagga	aggcagagca	agtggagcag	ggcttagcag	1620
gagcagtttc	tggccagaag	caccagcctg	ctgccagcgg	ggcagcccct	cataggaggc	1680
ccaggaggga	gccccaaaggc	gtagaagcct	tggtgaagct	gtgagcagga	gaagcgggtgc	1740
ccaccagctt	ccaggtctcc	ctgacctgcc	tgctctatgc	cccacaccct	acgtggcctg	1800
ggctctgtgc	agtgttacgt	tagatagctc	tgcctgggt	ctgtgctgtt	tgtcgtgaaa	1860
agcttaatgg	gctggccagg	ctgtgtcacc	ttctccaagc	aaagccatat	ggagcatcta	1920
cccagactcc	cactctgnac	acactcactc	ccacct			1956

```

<210> 8052
<211> 2243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (341)...(835)
<223> similar to gi7347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8052						
tttcgtgtcg	gagcgagcgc	gagtgaggag	acccccgccg	ggccactggc	acttgcttct	60
gcggcgagtc	ccaccacga	ccgcagccca	gcaactcgca	aacgcaacct	gaagcctggg	120
ctgcgcagtg	tgggagggct	tcgcgatctt	gggggaccca	ttccgaactt	gcagaggacc	180
gtagctctcc	tggcctggag	agtgtgaaca	ggattgtgga	ctcttccaag	attcacaatg	240
atatggtgaa	tccaaagact	ggaacaaaaa	agatttactc	agtgctttag	ttttaacaac	300
agtaaatgtg	ctaccaacac	ccatcatggc	taaaagtgcg	gaggtcaaac	tggcaatatt	360
tgggagagca	ggcgtgggca	agtcagctct	tgtagtgaga	tttctgacca	aacggttcat	420
ctgggaatat	gatcccaccc	tcgaatcaac	ctaccgacac	caagcaacca	tcgatgatga	480
agttgtttcc	atggagatac	tagacactgc	tggtcaggaa	gataaccattc	agagggaggg	540
gcacatgcga	tggggggaag	gctttgtgct	ggtctacgac	attactgacc	gaggaagttt	600
tgaggaagtg	ctgccactta	agaacatcct	agatgagatc	aaaaagccca	agaatgtgac	660
tctcatcttg	gttggaacaa	aagctgactt	ggaccactcc	aggcaggtta	gcacagaaga	720
aggagagaag	ctggccacag	aattggcttg	tgctttttac	gagtgtctctg	cctgcactgg	780
agaagggaac	atcacagaga	tattctatga	attgtgtcga	gaggtgcgtc	gccggaggat	840
ggtgcagggc	aagacgaggc	gacgcagctc	caccacgcat	gtcaagcaag	ccattaacaa	900
gatgctcacc	aaaatcagta	gttaggcagc	ccagctgagg	tggaccaact	aattggaaac	960
actcttcccc	ttctgtttcc	ctttcaaaaa	taaaacaaaa	tattgcattc	tttgtttgga	1020
ttctgagaaa	tgtctgggct	tcccattggt	tctggcctct	aatagggttg	gaagttttag	1080
cgtgttttat	gcaatttcag	tgctaacaat	ttcttctttt	cctgcttgaa	taagatacac	1140
tctaattggca	tttgaacatg	taatcaccag	agattctgaa	atgactgggt	tatgttaagc	1200
tatttttagg	catcttcacc	ttgctttaag	taggttgaag	tttttgcaaa	ggcattttaa	1260
aattcaattt	cttgtcagat	actacaaata	attttcttaa	aagtctaaga	tagcagaaaa	1320
tacagtaaaa	acacaggaga	agaagctgag	ctattggaac	aggaaataga	aggaactcta	1380
gtttctgttt	gaagtgagga	ttttctgaat	tatctaatat	catctaggtt	ttctttaaaa	1440
ttttattttg	ttcttcagtt	caagcatctt	ctcactaatg	tttttacta	taacagagaa	1500
ttcattttcaa	tttgagttgg	ttctctcaat	gatctattga	tcattacacc	ctaactctcc	1560

ttccttggct	caaacaatat	tttccctata	acaaaggcaa	taggacacaa	aattcacatc	1620
ctgctgggcc	ttttttcatc	aagtcagggt	gatataaaaa	cattggaagt	cttttcacca	1680
aaccctgact	ttattgaatg	ctagtagaag	atgtagaatt	agagacatct	gatttgttta	1740
tcaccttagc	agaaaaacca	cagtcacaaa	gacaagcaaa	ttaagaatgg	agcttaacca	1800
tgcctccatt	gggaagtcta	gactttgagc	caggtacagt	aagaaaaatt	agcctctgat	1860
tcattaagtt	tgccacatga	cttattttga	tattttggat	acattaactc	acttaggaga	1920
attcagaaaa	gaatgggtga	ttaaagttca	ttacagctga	ataaatgtgt	ctaaaacaga	1980
ctcttgattt	ctgaaagtac	agtctacaac	tgataaaacc	ttatgattct	tttctcccc	2040
attatgcccc	tatatatata	aagatttggt	tactttatct	tagtagaaaa	tatatatctt	2100
ttacatatgt	atgtatttat	aaatgcatag	atatatgtat	aaaaatttgt	aagcgttagc	2160
ggcattaatt	caccaatgca	tttggaaca	ttgatgtaac	tgactttatt	ttatgtgact	2220
ataataaaaa	gcataatttt	ctc				2243

<210> 8053

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (125)...(895)

<223> similar to gi4416432 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8053

tttcgtgttg	acaattacgt	ctgggtccaa	gcaaacatga	ggcagctgcc	agccggcctg	60
ggcagtcctg	tctgcctcgg	ctgtgaagtg	gggaggctgg	caacagtttt	cttcagcgcc	120
caggatgcag	ccggctaagg	aagtgacaaa	ggcgctcggac	ggcagcctcc	tgggggacct	180
cgggcacaca	ccacttagca	agaaggaggg	tatcaagtgg	cagaggccga	ggctcagccg	240
ccaggctttg	atgagatgct	gcctgggtcaa	gtggatcctg	tccagcacag	ccccacaggg	300
ctcagatagc	agcgacagtg	agctggagct	gtccacggtg	cgccaccagc	cagaggggct	360
ggaccagctg	caggcccaga	ccaagttcac	caagaaggag	ctgcagtctc	tctacagggg	420
ctttaagaat	gagtgtccca	cgggcctggt	ggacgaagac	accttcaaac	tcatttacgc	480
gcagttcttc	cctcaggagg	atgccaccac	ctatgcacac	ttcctcttca	acgcctttga	540
tgcggacggg	aacggggcca	tccactttga	ggactttgtg	gttggcctct	ccatcctgct	600
gcggggcaca	gtccacgaga	agctcaagtg	ggcctttaat	ctctacgaca	ttaacaagga	660
tggctacatc	accaaagagg	agatgctggc	catcatgaag	tccatctatg	acatgatggg	720
ccgccacacc	taccccatcc	tgcgggagga	cgcgcggcgg	gagcacgtgg	agagggtcct	780
cgagaaaatg	gaccggaacc	aggatggggg	agtgaccatt	gaagagttcc	tggaggcctg	840
tcagaaggat	gagaacatca	tgagctccat	gcagctgttt	gagaatgtca	tctaggacac	900
gtccaaagga	gtgcatggcc	acagccacct	ccacccccaa	gaaacctcca	tcctgccagg	960
agcagcctcc	aagaaacttt	taaaaaatag	atttgcaaaa	agtgaacaga	ttgctacaca	1020
cacacacaca	cacacacaca	cacacacaca	cacacagcca	tttatgtggg	ctggcagagg	1080
ggacagagtt	cagggagggg	ctgagtctgg	ctagggggcc	gagt		1124

<210> 8054



<211> 1659  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (296)...(1454)  
 <223> similar to gi4680673 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8054

cgacgatttc	gggttgctg	ctgccagcgg	gaactgtgta	ggggtagatt	ttcgctgcag	60
tgttccccga	gctgttaga	cgcagcgcgc	cgggagactg	agagaggaaa	ggatagagga	120
agtgtgccc	taggtgcat	gagtcgaagc	aagcgtgttt	ccttccccgc	aggcaagtgc	180
ccttagaaac	cgggccccgc	ccccctctg	gctgcattc	ccatccccctc	tccccgggcg	240
gaggtgagga	cctccttggt	tcctttgggt	ctgtcagtga	gcccccttct	tggccatgaa	300
gctcgtgagg	aagaacatcg	agaaggacaa	tgcgggccag	gtgaccctgg	tccccgagga	360
gcctgaggac	atgtggcaca	cttacaacct	cgtgcagggtg	ggcgacagcc	tgcgcgcctc	420
caccatccgc	aaggtacaga	cagagtcctc	cacgggcagc	gtgggcagca	accgggtccg	480
cactaccctc	actctctgcg	tggaggccat	cgacttcgac	tctcaagcct	gccagctgcg	540
ggttaagggg	accaacatcc	aagagaatga	gtatgtcaag	atgggggctt	accacaccat	600
cgagctggag	cccaaccgcc	agttcacctt	ggccaagaag	cagtgggata	gtgtggtact	660
ggagcgcac	gagcaggcct	gtgaccacgc	ctggagcgt	gatgtggcgg	ctgtggtcat	720
gcaggaaggc	ctcgcccata	tctgcttagt	cactcccagc	atgaccctca	ctcgggccaa	780
ggtggagggtg	aacatcccta	ggaaaaggaa	aggcaattgc	tctcagcatg	accgggcctt	840
ggagcggttc	tatgaacagg	tgggtccaggc	tatccagcgc	cacatacact	ttgatgttgt	900
aaagtgcac	ctgggtggcca	gcccaggatt	tgtgaggagg	cagttctgcg	actacatgtt	960
tcaacaagca	gtgaagaccg	acaacaaact	gctcctggaa	aaccgggtcca	aatttcttca	1020
ggtacatgcc	tcctccggac	acaagtactc	cctgaaagag	gccctttgtg	accctactgt	1080
ggctagccgc	ctttcagaca	ctaaagctgc	tggggaagtc	aaagccttgg	atgacttcta	1140
taaaatgtta	cagcatgaac	cggatcgagc	tttctatgga	ctcaagcagg	tggagaaggc	1200
caatgaagcc	atggcaattg	acacattgct	catcagcgat	gagctcttca	ggcatcagga	1260
tgtagccaca	cggagccgggt	atgtgaggct	ggtggacagt	gtgaaagaga	atgcaggcac	1320
cgttaggata	ttctctagtc	ttcacgtttc	tggggaacag	ctcagccagt	tgactgggggt	1380
agctgccatt	ctccgcttcc	ctgttcccga	actttctgac	caagaggggtg	attccagttc	1440
tgaagaggat	taatgattga	aacttaaaat	tgagacaatc	ttgtgtttcc	taaactgtta	1500
cagtacattt	ctcagcatcc	ttgtgacaga	aagctgcaag	aatggcactt	tttgattcat	1560
acagggattt	cttatgtctt	tggctacact	agatattttg	tgattggcaa	gacatgtatt	1620
taaacaataa	actaaaagga	aataaaaaaa	aaaaaaagg			1659

<210> 8055  
 <211> 2530  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2324)...(1684)  
 <223> similar to gi4929637 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8055

tttttttttt	ttaacaataa	taaatcttta	ttgagatttt	ttaacaaaat	aatttttgaa	60
aacaaaagct	cccacatgta	aacaagaacg	taaataagtt	agatggcatt	attatgtaca	120
ttcaagaatc	aaaacatggt	ctggtaaaca	ttccataatc	cggtaaaatg	ttttcaccca	180
tactgttaa	gagaaactgt	gtattttata	ctatcaataa	caaaacctaa	tctttgaaca	240
ttataaaatg	gtttacggaa	tataaactat	acagtttacg	tttttcattc	ctcctagcag	300
atccgtggtc	acatgtatac	tgagtcctaa	gatgtatttt	gtcagtatta	gccccaaatg	360
tccaccatcc	caaattaacc	aggttacaca	tatctcctcc	agtttttatg	gtaggatgtg	420
ttagaaccca	tatattacaa	catcattttt	caaaactaac	ctaatacctaa	attctattct	480
aactagtctg	gcaatccttc	attttatctc	cctgtctaca	cattcattag	ataccaaggc	540
aatttcacct	taaaaaatac	tgctaataca	catttagata	gtaatttctg	gtaaaactgt	600
agtttattta	tcaaaaaatg	tgaattttta	ttttagaaat	gtaggtcaag	cattgtcata	660
gttgtagtac	ttaattgaga	ataatggctt	caatttggaa	gattcaatat	acacattaaa	720
caaaattaaa	cagtttaaat	tataattcat	ataattataa	ttctcatttt	tagatggcca	780
aaatatattg	ttttcttact	ataaagtgtt	atttattcat	cgtctatttt	tactaattat	840
attcaattca	cagtagtgac	atcaaaggga	caagtcatca	taggtctgag	accaggaaaa	900
cctggctctg	tttaacagag	gcgtgtctaa	aataagagta	catatttcaa	ttaggccac	960
agagatagaa	aagagccagg	ataatctttg	tattgaggcc	ttgatttcag	ttttaaatgt	1020
aattcttttc	tgccagctga	aataatttaa	agatgtgcac	aataggctctg	tgctatttaa	1080
ggcaggtgtc	aagcacattt	tgaaattttac	caactagaat	gttctcctaa	tggaataaga	1140
aaaaagaaaa	gttatgacag	tttttgttta	agacagatgt	ttaaatagca	ctcttctttt	1200
tgaccattta	aaaataattt	ggcagctgta	accacctatg	gtcataacac	ataatcactt	1260
acaaaagaca	agcaacagat	acagaattaa	cgatatactt	ttaatatttt	tacaaccctc	1320
tttaagttgg	tgccaatggg	catttaacaa	gattttttata	ttcagtgaag	aagattttaga	1380
acataaactg	acatgaagta	aggaatataa	tttctctgtg	ccatgcaaaa	gagaagtcaa	1440
cttttttacac	atcatcactc	ctaaacagtt	ctaattaaaa	tccaaactgt	tcccattttt	1500
gcatcattgt	cattcttttg	caaaagattc	taaaaaccca	ggggtttaga	aacaactgtt	1560
cactcatggt	tttccttttt	tttttttttg	caaaatacat	gtgttttgta	aaagaaatct	1620
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actaatctac	tcctaaagcc	ttgagttgcc	gttcaatctc	ttcatctgag	attgtagcct	1740
ttgaagtaga	ggcagatggg	aagcttcgag	cagctgatgg	agctttggcc	atctttccag	1800
aaatttcaat	tccaatttca	tcaagaactt	gattcacaa	atcctggcct	tcttcttcgt	1860
catcagaacc	gtcaaagatg	tcatcaagtg	tatcattgat	catttcttca	gtcatttcca	1920
ttttcatggt	ttccttctgg	aaattctgca	tggtttgtaa	tgtcttttgt	ggatccatct	1980
tcttggttaac	tgectgcatt	gtttttgctg	tggtagacat	tgctccagcc	atcttcattt	2040
gggaattcat	cacttttggt	tgtgtagaca	tagaagtaac	ttttgaactt	acagcaaaaag	2100
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tattaccaat	cttgccattt	ttcttaattt	ctaattccag	ctgtttttct	tgtttctcta	2220
aagctgctcg	atctctgatt	atagccctct	gtgtacctcg	taactctcga	ttctgttcc	2280
ttattacatc	atccacgggt	ttcttcttga	agagggacgc	catgggttaa	gactgcgcc	2340
gggcggcccc	gctcggcccc	gtccggcccc	acgctggcaa	aggacaggag	gaaaaggaca	2400
ggaccttggc	gggttcgggg	tgccggagcg	gagagacagc	aggaggaggt	cggggctgcc	2460
aggcaggacc	cgcggaaggc	ttgtatccgc	agctaccgca	gccgcgtcac	cggagctca	2520
ggtgaccggg						2530

<210> 8056  
 <211> 2543  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (277)...(2313)  
 <223> similar to gi5912256 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8056  
 acgatttcgt cgagtccaaa atggcgggctc tcagggtggc gcgctccgtg ctgctggggc 60  
 tttgaggtgg tcgccggggg tccgggggac cctttccccc ccgcggaagc cctagaggat 120  
 gaatcgggga ccctgctaag gtctggcggc ggggctggag agcagtggca gcaagggctg 180  
 cgggtggcgtc cacgcagcgg gatgtgcgag agttactcca ggctgttgtt gagggtctcg 240  
 gtggcgcgaga tctgccaggc gctgggctgg gactcgggtg agctcagcgc ctgccacctc 300  
 ctcacggacg tgctgcagcg ctatctgcag cagctggggc ggggctgcc tccgtactct 360  
 gagctctatg gccgaacaga cccaattttg gatgatgttg gtgaagcttt ccagctgatg 420  
 ggggttagtc tacatgaact agaagactat attcacaaca ttgagcctgt caccttccca 480  
 caccaaattc cgtcatttcc tgtagcaag aacaatgtac ttcagtttcc tcaacctgga 540  
 agtaaagatg cagaggaaaag aaaagaatac attcctgatt acctgccacc cattgtgtct 600  
 tctcaagaag aagaagaaga agagcaggtg cccactgatg gaggcacatc agcagaagcc 660  
 atgcagggtc ccttggaaga agatgatgaa ttggaggagg aagaaattat taatgatgag 720  
 aatttcctgg gcaagagacc actggatagt cctgaagctg aagaactgcc agccatgaag 780  
 cggcctcggc tattaagcac taaaggggac acgctagatg ttgtgttatt ggaagctcga 840  
 gagccactca gctcaataaa tactcaaaag atcccaccaa tgctttctcc agtccatgta 900  
 caggacagta cagacttggc acctccctca cccgagccgc caatgttggc tccagttgca 960  
 aaatcacaaa tgccaactgc aaaaccatta gaaacaaagt catttacacc taaaacaaag 1020  
 actaaaacta gctctccagg acagaagact aaatcaccta aaaccgcca gtcaccagca 1080  
 atggtcggaa gtcctattcg atcacaaaa actgtatcca aagaaaagaa atcacctgga 1140  
 cgttccaaga gcccgaagag tccaagagc cccaaggtca cgactcacat tcccaaaca 1200  
 cctgtgagac ctgaaacgcc caacaggact ccttcagcta cactcagtga aaaaatcagt 1260  
 aaagagacta tccaggtaaa acaaatacag acaccccctg atgctgggaa actgaacagt 1320  
 gagaatcagc cgaaaaaggc tgtggtagca gataaaacga ttgaggcctc tatcgatgct 1380  
 gtgattgcac gagcctgtgc tgagcgagag ccagatcctt tcgaattttc ttctggatcg 1440  
 gaatctgaag gagacatttt tactagccct aagagaattt caggcccgga gtgtactact 1500  
 cccaaagctt ccacttccgc gaacagtttc acaaagtcag gatccactcc tctgcctctt 1560  
 tccggtggaa cctcaagttc cgataactca tggacaatgg atgcctccat tgatgaggtt 1620  
 gtacgtaaaag caaaactggg aacacettca aatatgcccc ccaactttcc ttatatctct 1680  
 tctccgtcag tgtctcctcc cactcccga cctctccaca aggtgtatga ggagaaaacc 1740  
 aagctgcctt cctccgtgga ggtaaagaag aagtTGaaaa aggaactaaa gactaaaatg 1800  
 aaaaagaaaag aaaagcagag agatagggag agggaaaaag acaagaacaa ggacaaaagt 1860  
 aaggagaagg ataaagtga agagaaaagag aaagacaagg aaactggcag ggaaacaaag 1920  
 tatccctgga aggaatttct taaagaggaa gaggcagatc cctacaagtt taaaatcaaa 1980  
 gaatttgaag atgttgatcc caaagtga aa ttgaaagatg gacttgtgag gaaggagaaa 2040  
 gagaagcata aagataagaa gaaagataga gagaaaggca agaaagataa agataagaga 2100  
 gagaaagaaa aagtgaagaa taaaggcaga gaagataaga tgaaagcccc agcaccacca 2160  
 ctggtgttgc ccccaaaaga gttggccctg cccttgttca gccctgccac agcctccagg 2220  
 gtcccagcca tgctgccatc tttgttgcca gtgcttccgg aaaaactgtt tgaggagaaa 2280  
 gagaagccga aggagaaaga aaagaaaaag gacaaaaagg agaagaagaa aaagaaggaa 2340  
 aaagagaagg agaagaagga gaaggaaaga gagaaagaga agagagagcg agagaagaga 2400  
 gaaaaagaga aggagaaaca caagcatgaa aaaataaaag tggaaccagt cgctctggcc 2460  
 ccgagtccag ttatccccag attaatcttc cgagtcggtg ctggccccga caagataaga 2520  
 agaagaagag caggtgccca ctg 2543

<210> 8057  
 <211> 1085  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (355)...(272)  
 <223> similar to gi5690333 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8057

tccgtaggaa	gtttggccca	atatgtcccc	cccccaaat	aaaggtccct	cccaaaaatt	60
cccaagtagc	agattttcca	gtccccacgt	tgtaaaca	cgggcaaggc	ctagggtata	120
aataggcccc	ccataaggaa	aaaactatta	cctcgcaagc	acgggtaa	ttgggcccc	180
caagggatcc	tttaaacgg	cgcgcccttt	ttttttttt	tggctattta	tttatttatt	240
ttttaaataa	agattgggtc	ttatctcact	ctgttgccca	ggctgatctt	gaactcctgg	300
gctcaagcag	tcctcccacc	tcagcctccc	aaagtgctgg	gattacaggc	atgtgccgtc	360
acaccagacc	ctgcttggtt	taaaagggga	ctttttttt	tcttaatgga	aaaaaatgaa	420
acagagagcc	aaaagctttt	aactgttggt	ttttctttt	cttcaatgaa	agcctctcat	480
tttgaaaaga	catgtttttc	ttcaagcaac	aaaggtggta	gaggaaattc	ctcaactttc	540
tcaacgagtc	atgtaacgtt	acactggcct	ccataaagca	ccgattaaga	aagctaaaga	600
ataagatgtt	gtatttcttt	taaaataatt	taaaatatat	taaattttcc	taaggcaggt	660
tttgtttgaa	tgaggtgtct	tgattagata	actacatgcc	actgaaggag	aacagtactt	720
ttaaggagct	atttttggtt	cgcagtagag	ttgaaaccag	ctgattaatc	caatgaagtt	780
aaacagcaga	gacagatctc	gtacataaga	gtatcagcta	aagtcatgac	tacaccaatt	840
ctttacacaa	ttaagacatc	tttgcaactg	ttcaatttaa	gtactatggt	ttttagataa	900
tcgagaaaaa	cacagttgta	ccttaacatc	tgttgagaaa	atacaaataa	atatgatgct	960
aataaatggc	cactgataac	tcagtagcca	tctgaatagt	catgcggttt	aagaatacat	1020
ccttgataaa	tctgacatac	aaatttgtca	tttctgcac	atgcacacca	ttgttaaaaa	1080
aaaaa						1085

<210> 8058  
 <211> 3637  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (447)...(1339)  
 <223> similar to gi4838557 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8058

agcggccgcc	gcgcgccagc	gggaggcgct	ccctctgccc	acctccgccc	cctgcggacc	60
------------	------------	------------	------------	------------	------------	----

gagacccgga	gatgtcagagt	tgtggagttc	ggctcggccc	ggcgacgggc	tagctgcccg	120
ggaacccccg	cgggtggaca	catgcatgcc	ggagctccgg	gaggggcccgc	gccgccaccg	180
tctgaactag	gatgtcccg	catgaagggtg	tcagctgtga	tgcattgttta	aaaggaaatt	240
ttcgagggtcg	cagatataag	tgtttaattt	gctacgatta	cgatctttgt	gcatcttggt	300
atgaaagtgg	tgcaacaaca	acaaggcata	caactgacca	cccaatgcag	tgcatattaa	360
caagggtaga	ttttgattta	tactatgggtg	gggaagcttt	ctctgtagag	cagccacagt	420
cttttacttg	tccttattgt	ggaaaaatgg	gctatacggg	gacatctctt	caagaacatg	480
ttactttctga	acatgcagaa	acatcaacag	aagtgatttg	tccaatatgt	gcagcgttac	540
ctggaggcga	tcctaatacat	gtcacgggatg	actttgcagc	tcattcttaca	cttgaacaca	600
gagcccctag	agatttagat	gaatcgagtg	gtgttcgaca	tgtacgtaga	atgtttcacc	660
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ttaattcctc	tggcccttcc	gcttctcagt	tacaacaact	gcagatgcag	ctgcagctag	900
aacggcagca	tgcccaggca	gcacggcaac	aactggagac	cgcacgcaac	gcaacccggc	960
gtactaacac	aagcagtgctc	accactacaa	tcacacaatc	cacagcaaca	accaacatag	1020
ctaatacaga	aagcagtcag	cagactctac	agaattccca	gtttctttta	acaagggtga	1080
atgatcctaa	aatgtctgaa	acggagcgcc	agtccatgga	aagcgagcgt	gcagaccgca	1140
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atgaggatga	tcggggggag	atggcagatt	ttggtgctat	gggctgtgta	gatattatgc	1260
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gcttggtatgg	tttaccttaa	ctactgcatg	aggttttttg	cagcgtgcat	gagtttttagt	1740
gaccttggtta	tttaagaagt	taaatacaag	gagtaaaact	taaaaaaa	atacaaaagcc	1800
caaagctttc	ccaaacatta	ttcaatgggt	acacgacgaa	gtaggctttt	gaataatgtc	1860
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gtcatcttgc	ctgtgtggag	ctcagcctgt	ctctttaact	catctgtaga	agacacacca	2040
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tcattgtttgt	ttaaagtttt	tactttttgt	ggttgtttta	aattttttca	attgttaaat	2160
atgttttatt	caggtgtaga	tgaatttcat	ttattgactg	ttcaacagag	ttaacctgaa	2220
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atgtgctttg	tagtttgctg	agacagatca	gtatcagggg	agctttgagg	atttgcttcc	2340
ccagatttgt	cagtatatta	caaccaaatt	cttaatgcta	atttttagcac	cttttattta	2400
ttgggttttt	tctggcataa	aaagtaaagc	cttttaattg	aatcatgcc	cctatatgcc	2460
tataattatta	atcctatgtg	taaaaaaaat	gtacagcttt	ttttgggttt	gttttgggggt	2520
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tcattgtctcg	ttccagttct	cttttctctg	agcccttttc	aaagtctcct	ctctttctcc	2760
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actccaacga	tttccaaata	caatagcttt	gttttcttta	gttctgtaat	ggataatggt	3000
taaaggaaaa	ctttacacca	ggcttctggt	tacactagaa	gtcaagccca	ttagggattt	3060
tcattttttt	tcatttggtt	gttgagaagt	ttcaaaaatc	agttttcaag	ctgtgggtctt	3120
tcaaacacat	ctgcacataa	gtcacacatt	tcaataaagc	attttcaaga	ctgttgacca	3180
cttgaatttc	tttggtgtta	gtggattaac	ctaaccatta	ctctgagatt	ttatatctct	3240
aatccagtat	tttttttctt	tttatgctaa	acatgggaga	tcctgggttt	gtgtgaatgc	3300
attattttgg	atgtgagaaa	taaatgcca	ttatatgtac	tttccctttt	ctgcacaaat	3360
tctgggaaaa	tgtaaaagcc	ttcatttttt	aacatgggtt	tagggaacaa	ctgtaagtcc	3420
attcagagca	gtttaattta	gatgatcact	tttaacactg	cagaagacct	aaggagtcat	3480

aagattccat	ctcatgtaga	atactgtata	tttaattat	tttaccagat	atttttacaaa	3540
tacctcacct	catcctgtat	gtaatcaata	atgtattatt	ttagggtaga	acgacacaga	3600
atatcaatat	aaaaatatat	tcaagccctt	gaaaaaaa			3637

<210> 8059

<211> 1592

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (102)...(803)

<223> similar to gi5832945 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8059	
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gagcctgggc	120
atcgctctcca	180
cgccatgctg	240
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cccctggacc	360
atgaaggagg	420
tccatcacgc	480
ccatcaccac	540
ctcatgtcca	600
ctgcacatgt	660
cagaccgcgt	720
gtgtcctgta	780
gagggctaca	840
aacctgggtg	900
gaggggtggc	960
cttcctgcgc	1020
attggctcac	1080
ttttagaaa	1140
ggaggggttc	1200
attcttagtt	1260
cctataatcc	1320
agaccagctt	1380
acgtggtggt	1440
gaatccagga	1500
aataagacct	1560
aa	1592

<210> 8060

<211> 1587

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (730)...(661)  
 <223> similar to gi4104806 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8060  
 tttttttttt ttaataaaca ctttagattt attctgccat ttctgaagcc acctcattta 60  
 atttatacat aggatataaa tggctataca tttttacaca cttttataca agtttaggtt 120  
 gtactactga gtttggttaa atgtacccat tatttactca aaatatttat tgttacaaga 180  
 aaaccgtaag aagcttggtg aacatgaaca gcaagtattg aaaacgaata tgtaaagtaa 240  
 atggttttgc cctgactaaa tcagcctcag tattttatgc ttttagtaga aaagcccatt 300  
 aaacaaaata gaatcctggg ggatcaaata atatgaatga ttcattgaaat aacacttctg 360  
 aagcaacccc agaatcatat aaatgtaagg gttaaagggtc atatgtacta agcatgggtc 420  
 agaggaatag aatggatttg ttaattttac cctaaataaa aggcgcttgt gggcaacagc 480  
 tctgccatca atacacatgg gcagatgttt ccgaatccag ccattcccag atttactga 540  
 catgcccttt tccacaggct ccctgctgat gagatttccc cagcagcaga agtttgacat 600  
 cactgctccc ggatgggaga atcagagctc tctcatttg ggtcaggggt ggctggctca 660  
 cgaggttttg tccaaccagc agaaccagct ccttgatcc tgggaataaac caaacatcaa 720  
 tgggtaccatg cgctctgtgc ccagggagtg aaaggcaggt ccaggggtggg aagaagaggg 780  
 gctgctacct tttggagtga aaaaaatgag gtttacactg tagtataaca aaatgccttt 840  
 ttgtaaaggc cagaagaaat tggctgtgct gtggctgccc tgaaagcaag aaaaaccttc 900  
 aatgtaccca ggtgaaatgt aaagccttcc tccctcccac acacaatgga ctcacccagt 960  
 attaccctcc cactaccact tttgacctc ataacaggca ccctggcggtt ggggcagatt 1020  
 gatgttatca ccatatacca gatgaggaaa ctgaggcctg atgggcagtg atttgtgcac 1080  
 tgcgacatag gactcagtga agagcctagc cagctgacgg tcagctgact ggtgcactct 1140  
 ttccctcacc ttctctctca agggcacagc tacactcttt ctccaccatt attaacactc 1200  
 acagggcaca ggtagagcgt cccagacact gtgcaatatt ctacacgaaa acatttggaa 1260  
 tgtgagcaat gtctgaacag gggttgcca ggcacatctg atcaccataa atgctccac 1320  
 ccctgctgtg cctcacttgt gctgcactat gcaagcaagc agcaggttct cagaaggcca 1380  
 ctgtcctgca tgtcacaatg agtggccaac tccttcacag aacagcaaata agcagccctg 1440  
 gctacaaggt gcagtgtgca acccccatat gccaaagggc agctgctatc ttccagcaga 1500  
 gagagaaccc ccagctctgc tccctaccta tgccctgctt cctgtgcctc acacagccag 1560  
 ccttgctggc ctgctggcta ttgtctc 1587

<210> 8061  
 <211> 2694  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2695)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature

<222> (136)...(976)

<223> similar to gi4691245 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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atgaaggttg agccatggcg ggcggggccg gggaggcggg cttggagcga gggggcgggg 60
caggcgccac aaaaacgcgc tcgcgccggc gccgaaccgc aactcccggc gacccccgcg 120
ctcccgggtg gcaagatggt ggcgcgcagg aggaagtgcg ccgcgcggga cccggaggac 180
cgtatcccca gccactggg ctacgcagct attccaatca agttctctga aaagcaacag 240
gcttctcact acctctatgt gagagcacac ggcgttcgac aaggcaccaa gtccacctgg 300
cctcagaaga ggactctttt tgtcctcaat gtgcccccat actgcacaga ggagagcctg 360
tcccgcctcc tgtccacctg tggcctcgtc cagtctgtag agttgcagga gaagccggac 420
ctggctgaga gccc aaagga gtcaaggtcg aagttttttc atcccaagcc agttccgggt 480
ttccaggtag cctacgtggt gttccagaag ccaagtgggg tgtcagcggc cttggccctg 540
aaggcccccc tgcgtggtgc cacagagagc caccctgtga agagtggcat tcacaaatgg 600
atcagtgact acgcagactc tgtgccccgc cctgaggccc tgagggtgga agtggacacg 660
ttcatggagg catatgacca gaagatcgct gaggaagaag ctaaggccaa ggaggaggag 720
gggggtccctg acgaggaggg ctgggtgaag gtgaccgccg ggggccggcg gcctgtgctc 780
ccccggactg aggcagccag cttgcgggtg ctggagaggg agagacggaa gcgcagccga 840
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gaggacttgt ccttcctgct tcttgccctc acaccctcct ctccaggacc ctggatgaat 1260
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caccaggtgc tcccaggaac ccgggcaaag gccatcccca cctacagcca gcatgccac 2340
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taaagtgaga ctaggctggg catggtggct cccatctgca aaaccagcac tttgggaggc 2460
caaggtgggc ggatcgctg aggtcaggag tttgagacca gcctggccaa catggtgaac 2520
ccccatctct taaaaatata aaaattagct gggcatggtg gcaggtgcct gtaatcccag 2580
ctactcagga ggctgaggca cgagagtcgc ttgaaccggg gaggtggagg ttacagtaag 2640
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```



```

<210> 8062
<211> 1599
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (163)...(1600)
<223> similar to gi5804886 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8062
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cactagagag tgggaaggcg agcagcagca gagaatccaa accctaaagc tgatatcaca 120
aagtaccatt tctccaagtt gggggctcag aggggagtc tcatgagcga tgttaccatt 180
gtgaaagaag gttgggttca gaagagggga gaatatataa aaaactggag gccaaagatac 240
ttccttttga agacagatgg ctcatccta ggatataaag agaaacctca agatgtggat 300
ttaccttate ccctcaacaa cttttcagtg gcaaaatgcc agttaatgaa aacagaacga 360
ccaaagccaa acacatttat aatcagatgt ctccagtggg ctactgttat agagagaaca 420
tttcatgtag atactccaga ggaaagggaa gaatggacag aagctatcca ggctgtagca 480
gacagactgc agaggcaaga agaggagaga atgaattgta gtccaacttc acaaattgat 540
aatataggag aggaagagat ggatgcctct acaacccatc ataaaagaaa gacaatgaat 600
gattttgact atttgaaact actaggtaaa ggcacttttg ggaaagttaa tttgggtcga 660
gagaaggcaa gtggaaaata ctatgctatg aagattctga agaaagaagt cattattgca 720
aaggatgaag tggcacacac tctaactgaa agcagagtat taaagaacac tagacatccc 780
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cgcacacgtt tctatggtgc agaaattgtc tctgccttgg actatctaca ttccggaaag 960
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tgtggcactc cagaatatct ggcaccagag gtgttagaag ataatgacta tggccgagca 1140
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ggaacgctct cttcagatgc aaaatcatgg ctgtcagggc tcttgataaa ggatccaaat 1320
aaacgccttg gtggaggtcc agatgatgca aaagaaatta tgagacacag tttcttctct 1380
ggagtaatat ggcaagatgt atatgataaa aagctggtac ctctttttaa gcctcaagta 1440
acatctgaga cagatactag atattttgat gaagaatgta cagctcagcc tattacaata 1500
acgccacctg aaaaatatat agaggatggg atggactgca tggacaatga gaggcggccg 1560
catttccctc aattttccta ctctgcaagt ggacgagaa 1599

```

```

<210> 8063
<211> 1052
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1053)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (405)...(509)  
 <223> similar to gi2501785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8063

tttcgtgcgg	cgctgggggag	ggcgaggcgg	aggcggcaaa	acggggcggtc	gagcagaacg	60
tgtagccgcg	tcccctccag	tccgctccgg	gcagctgctg	atgcaaggaa	tcccctgggc	120
tcccgctccac	tccactgctg	accagcccat	tcgcctgtgc	tgagtcttcc	tcgaggcctt	180
tccttgccctc	tgtggggaccc	tgtggggggtc	catccggctg	gagaagaaaa	gcctctcatg	240
ctaacgttgc	agaccccaga	gggtcctgtg	tgggtgtgga	gatggccaat	gagaatcacg	300
gcagcccccg	ggaggaagcg	tccctgctga	gtcactcccc	aggtacctcc	aatcagagcc	360
agccctgttc	tccaaagcca	atccgcctgg	ttcaggacct	cccagaggag	ctggtgcatg	420
caggctggga	gaagtgctgg	agccggaggg	agaatcgctc	ctactacttc	aaccgattca	480
ccaaccagtc	cctgtgggag	atgcccgtgc	tggggcagca	cgatgtgatt	tcggaccctt	540
tggggctgaa	tgcgacccca	ctgcccgaag	actcaagctt	ggtggaaact	cccccggtg	600
agaacaagcc	cagaaagcgg	cagctctcgg	aagagcagcc	aagcggcaat	ggtgtgaaga	660
agcccaagat	tgaaatccca	gtgacaccca	caggccagtc	ggtgcccagc	tccccagta	720
tcccaggaac	cccaacgctg	aagatgtggg	gtacgtcccc	tgaagataaa	cagcaggcag	780
ctctcctacg	acccactgag	gtctactggg	acctggacat	ccagaccaat	gctgtcatca	840
agcaccgggg	gccttcagag	gtgctgcccc	cgcacccga	agtggaaact	ctccgctctc	900
agctcatcct	gaagcttcgg	cagcactatc	gggagctgtg	ccagcagcga	gagggcattg	960
agcctccacg	ggagtctttc	aaccgctgga	tgctggagcg	canggtggta	gacaaaggat	1020
ctgacccctc	gttgcccagc	aactgtgaac	ca			1052

<210> 8064  
 <211> 1793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (198)...(512)  
 <223> similar to gi609278 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8064

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tgggaaggcg	gacggcgagc	gcccgggtgc	cgcactcggc	cgctgcccgt	gcccgtctgc	120
gcccgtgtca	tcctcactcg	ggacgcaggg	accgttttta	aatcacaggg	gcgtgtgtca	180
gcctgcccta	ggacttcatg	tctatatatt	tccccattca	ctgccccgac	tatctgagat	240
cggccaagat	gactgagggtg	atgatgaaca	cccagcccat	ggaggagatc	ggcctcagcc	300
cccgcgaagga	tggcctttcc	taccagatct	tcccagaccc	gtcagatttt	gaccgctgct	360
gcaaaactgaa	ggaccgtctg	ccctccatag	tgggtggaacc	cacagaaggg	gaggtggaga	420
gcgggggagct	ccggtggccc	cctgaggagt	tcctgggtcca	ggaggatgag	caagataact	480

gcgaagagac	agcgaaagaa	aataaagagc	agtagagtcc	ctgtggactc	ccatgggtca	540
taccagccag	catctgttcc	tgaactgtgt	atttaccatc	atgacggaag	aagagagtga	600
gccgcaattg	ttctgaaaat	gtcaaacgag	gcttctgttt	tgcacctgca	gatcaccgag	660
ttggttttct	tttcttttct	tgcctttttt	tttttttgaa	atttgccgag	cagtggagcc	720
ctctgacaat	ttgcaaggcc	ctctgagaaa	ggaagctgct	tagagccagg	gggttagtgg	780
gtgaggggag	cgagtgtgtg	ttttgagatc	attatctgaa	ctcaggcagc	ctagtagagg	840
cagtgggtggg	attccaatgg	gtcttggtgg	gtgggaggtg	gggcatgtgc	aaagcaagca	900
aggaacattt	ggggtaagaa	aacaaacatg	aggcaaaaga	aaaaatacat	gtttttaaga	960
aaacattgag	cagagaactg	cagccaggat	gcgctcagca	gacattcact	ctggctgctg	1020
ggacatcaga	aaacaaagtc	ttcatctctc	tctccagttt	caccaccccc	accctttgct	1080
ttcattttcag	gtgtgttggg	ctatatgaca	gggaggagag	taaaggagag	caggagcaat	1140
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ctccatggcc	tctctgtctc	cagctgtggt	aggtcacat	agccagtgtg	atcggttttt	1260
aagaggcagt	gcttttcagc	ttttctccct	gatatatcca	ttttgcttcc	cagcactttt	1320
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aaggctctctc	ccttaactgc	tgcccttcca	agacttgctc	cagagatgga	gtgggcgtgg	1440
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catgggtaca	tgggtcccca	gctcacctat	ggattcccgc	cagtctgccc	agctgcagta	1560
ctcacgcccc	atgggggagc	ttggtctgtt	tttcttggtg	gagcctagtg	gagagcagac	1620
gtggcttttt	atgtgtcttg	ttggggaggt	gacttgcatg	gtgggggacaa	ggctgtccgt	1680
ggcaaccttg	ggatcgagtt	tgagactaaa	ggatgtcatg	agatccctgg	gcttctcccc	1740
atgttgttcc	cggacaaggg	cagaagggag	gcatggcaag	ggacctctgc	tgt	1793

<210> 8065

<211> 2506

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2427)...(593)

<223> similar to gil572819 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8065

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acggctccaa	acttgagggg	ggacccccca	acgctgtctt	ttggcccaaa	gctctgcctt	180
ccagccctcc	tcataccccc	tggccacctc	ggaccaggaa	aggggggtag	agccctgaga	240
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cccgtgcag	atcgactgcc	ttcagaaaca	aaaagtcccc	gcgcaaaggc	gttcccggag	480
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cccaggtcag	gggagggggc	ttgggtacca	ggggcctcac	tggctcttca	ccaggaccct	600
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gagccagaag	gaagagggat	gcagctctgc	gtggacaaa	tgtgggaagg	cggccatggt	720
ggcgagctgg	gtgaagatgg	tgggtgctgg	ctcggctggg	ccagcacagg	agaacggcac	780
gggagcgggt	agccggtgct	tgcggcaaaa	ctcggccggt	gatgggcccag	acaccgcgac	840
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caccttctcc	ggggtgacgt	ccgcggggat	ggtgatctcc	tccgcgcggg	gagggacctc	2340
ctcggggaaac	tcttcgccc	ccaggacag	gatcagcgac	gtcttcccca	cctgggcctc	2400
gcccagtaac	aggatgcgca	cgtcccgcct	catagctgcc	gcccggagcc	gctccccgac	2460
ccggaacccg	gccccgacct	ggtcctcaag	cctttcgctc	cgtgcc		2506

<210> 8066

<211> 3064

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (181)...(2567)

<223> similar to gi5457045 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8066

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gggtgggctt	cgttcttgtg	gaaatcagtc	aagaaagatc	ggattcgcgg	ttatttatgc	120
aaatcatctg	ggtggattgt	gtacggagtt	aaactgcgcc	ttctggaccg	ggtctgaaca	180
atggagactg	cgctagcaaa	aacgccacag	aaaaggcaag	ttatgtttct	tgctatatgt	240
ttgcttttgt	gggaggctgg	ctctgaggca	gttaggtatt	ccataccaga	agaaacagaa	300
agtggctatt	ctgtggccaa	cctggcaaaa	gacctgggtc	ttgggggtggg	ggaactggcc	360
actcggggcg	cgcgaatgca	ttacaaagga	aacaaagagc	tcttgcagct	tgatataaag	420
accggcaatt	tgcttctata	tgaaaaacta	gaccgggagg	tgatgtgcgg	ggcgacagaa	480
ccctgtatat	tgcattttcca	gctcttacta	gaaaatccag	tgcagttttt	tcaaactgat	540
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gaattttttac	aatcattcta	tgaggtacag	gtgcccagga	acagccccct	taactcctta	960
gttgtcgttg	tctccgctcg	agatttagat	gcaggagcat	atgggagtgt	agcctatgct	1020
ctattccaag	gcgatgaagt	tactcaacca	tttgtaatag	acgagaaaac	agcagaaatt	1080
cgctgaaaa	gggcattgga	tttcgaggca	actccatatt	ataacgtgga	aattgtagcc	1140
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gaaactgtag	ttgccgtttt	cagtgtttct	gatccagact	ccggggacaa	cggtaggatg	1320
atthgtctca	tccagaatga	tctccccctt	cttttgaaag	ccacattaaa	aaacttttac	1380
accctagtga	cacagagaac	actggacaga	gagagccaag	ccgagtacaa	catcaccatc	1440
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tccgacgtca	atgacaacgc	ccccgccttc	acccaaacct	cctacaccct	gttcgtccga	1560
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ggcgagttca	agttcctgaa	gccgattatt	cctaaccttt	tgccccaggg	cgctggtgaa	2520
gaaataggga	aaactgctgc	cttcgggaat	agctttggat	taaattagag	atctcgtgat	2580
gacgcgttgt	tttctgccat	ttatcccaaa	ctttttcaga	tctagaattc	gagagtgtca	2640
tggacaaaaa	tttcaccttg	agattgagct	tttattttcc	tttttaattg	atttgtttgt	2700
tgaacttcat	gctgtccaag	tgttgaaaag	tcaattttat	ttcattgcat	ttatttacat	2760
agtgtcattc	caaatecatg	catgctgttg	attttcctga	gatttttttc	tcttcttggt	2820
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tctgcccatt	ctatttcatc	acactcttaa	gtattatata	tttgatgcta	aaatgcaaaa	2940
attaaaaatg	tttcacatca	tcatatttta	attgtttaaa	acaaagacaa	atacatat	3000
atgctaacaa	atgaaatatg	tgaaaaaata	tgtaaaagga	aacaatcttc	tatttactct	3060
tttc						3064

<210> 8067

<211> 1641

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (405)...(1485)

<223> similar to gi2190404 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8067
tttcgtggca gaggccgggt ggtgtggtgt cgggtgtcggc agcatccccg gcgccctgct 60
gcggtcgccg cgagcctcgg cctctgtctc ctccccctcc cgcccttacc tccacgcggg 120
accgcccgcg ccagtcaact cctcgcactt tgccccctgct tggcagcggg taaaaggggg 180
ctgaggaaat accggacacg gtcacccgtt gccagctcta gccttttaa tcccggctcg 240
gggacctcca cgcaccgcgg ctagcgccga caaccagcta gcgtgcaagg cgccgcggct 300
cagcgcgtac cggcggggtt cgaaaccgca gtccctccggc gaccccgaac tccgctccgg 360
agcctcagcc ccctggaaag tgatcccggc atccgagagc caagatgccg gcccaactgc 420
tgcaggacga tatctctagc tcctatacca ccaccaccac cattacagcg cctccctcca 480
gggtcctgca gaatggagga gataagttgg agacgatgcc cctctacttg gaagacgaca 540
ttcgccctga tataaaagat gatataatg accccaccta caaggataag gaaggcccaa 600
gcccgaagg tgaatatgtc tggagaaaca tcaccttat gtctctgcta cacttgggag 660
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gctcttataa agctcgggtg cccctacggc tctttctgat cattgccaac acaatggcat 840
tccagaatga tgtctatgaa tgggctcgtg accaccgtgc ccaccacaag ttttcagaaa 900
cacatgctga tcctcataat tcccgacgtg gctttttctt ctctcacgtg ggttggctgc 960
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aagctgagaa actggtgatg ttccagagga ggtactacaa acctggcttg ctgatgatgt 1080
gcttcacctt gccacgctt gtgccctggg atttctgggg tgaaactttt caaaacagtg 1140
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gtgctgcccc cctcttcgga tatcgtcctt atgacaagaa cattagcccc cgggagaata 1260
tcctggtttc acttggagct gtgggtgagg gcttccacaa ctaccaccac tcctttccct 1320
atgactactc tgccagttag taccgctggc acatcaactt caacacattc ttcattgatt 1380
ggatggccgc cctcgggtctg acctatgacc ggaagaaagt ctccaaggcc gccatcttgg 1440
ccaggattaa aagaaccgga gatggaaaact acaagagtgg ctgagtttgg ggtccctcag 1500
gttccttttt caaaaaccag ccaggcagag gttttaatgt ctgtttatta actactgaat 1560
aatgctacca ggatgctaaa gatgatgatg ttaaccatt ccagtacagt attcttttaa 1620
aattcaaaag tattgaaagc c 1641

```

<210> 8068

<211> 2119

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1916)...(1177)

<223> similar to gi4929623 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8068
ttttttttta ttttatcaat atatttggaa attaaagttt ctgactttta ttctggccta 60
tcctttgagg ctcttgaggg tgggcaagtt cctgaatccc tcaggtggta aagatgggca 120
aaggatgggg aaaagaagca tgggtgatta actcctttta tcccaccctt ggaaggaaaag 180
ataagcttct gggaaaacac ttaacccaaa gtttcagaca tgtaaacca ctagcccaga 240

```

tttctgcctt	tgcaccaagg	ctatgcttgg	aaatcagtg	ttgccaggtt	aggaaaagtgg	300
ctggatgaga	gatctgagga	cagaaatctc	aattaacatg	ctatcccctc	ccttaaaagc	360
caagttcccc	cacaattaca	aattcttttt	tattagtcaa	aatcacaatc	actttgatta	420
aaaggatggg	acactccacc	ctcagcagaa	aatgatacag	tttatagaaa	acctccccgc	480
ccctcccaca	ccccaatata	aaactacaaa	aaaatctccc	ctccttcctc	acgatgtcat	540
ggtagtctga	ctcctccagt	ggcactgcag	ctctggagt	gccagctcac	cacagcacc	600
tccacttcac	cttggggaga	ggagggatgc	tggtgggtta	ggaggttaaa	accattagtt	660
ccagtaatgc	cagttcccaa	acatgcactt	ccttcctttc	ccccaaaggtc	tgggaccaag	720
gagaaaggga	ccgaaatgag	gcccaggcca	tggaggaagc	aacttcgagg	agaggaaatt	780
attagcccaa	ggaggggttag	gaagagttcc	aataacacct	ctccctcccc	ccacctcaaa	840
aaagaaaaaa	aggcagttta	agggatattta	tcacaccaa	aaatgggttcc	ccctcaggcc	900
tgaggaaaaa	gaccaagatg	tccagtcttg	agggagtact	gagaaactca	gagctcatct	960
atccttgagc	ctccattaat	ttcatctcca	ggggcattgg	ctaaactagg	tccctttttc	1020
ttggcaacct	gcaactgtcca	gaacttgagg	atgggagaaa	tacagggcga	ggacatcagg	1080
agggcacccc	aggcccagg	gtcccccata	ggttcctcca	gtcctcgggt	gggatgcgca	1140
gggcagaata	caccatcacc	cgactgtcct	cctgcctcgc	gcacaagagg	ctgcgctgaa	1200
tacttcggag	ggaccctcca	gctgtgatga	aggcccagag	ccccatggaa	acagtgactg	1260
catagatggg	cagcaggctg	gcctcatacc	aggggttcag	gaatgtcagt	cccgatgtca	1320
gtaggtgact	cccaaccacc	aggcccaaag	cccagtaccg	tctcctctca	caggcatcaa	1380
agaacacaac	tccccaaaag	gtatggagca	ggataatggc	tgctgtcaga	aaggctgaag	1440
tcaggaaagta	ataggggtgag	tctccatgga	tcccaaccac	acctggccca	agtgcacag	1500
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aggccatctg	gcggatggag	atgggtgatc	ttcctcctc	actcagcgat	gctaaccctt	1620
catctgcctt	cttaagcagc	ttgtagtagg	caaagcggaa	cacctcctgt	agaaggacag	1680
agacagcagc	acaaaaaatc	aggaggccgt	actggagccg	ggcatctgac	cggtcgggtca	1740
catggacca	gatgaaccag	accacagagg	ccaggagcag	ggagaccagc	cagaaaaatg	1800
cccctgcgac	caggatgata	acgcgaagcg	ggtccccagc	cacagtgatc	aagaaaagcg	1860
cgaaggccgg	gccgaacgcg	acgaaagtgc	agccgaaaaa	caccgcagcc	cccatggctg	1920
gtcaggtggg	aaggtgggtg	ggggcctgac	caggacaggc	aaatgggagg	ggcgcgccag	1980
ctggggagtc	cgctgggggt	ggcaacgcga	ccccacgagg	ggcgcggtgc	aatgtcaccc	2040
ccagacccc	gggaagggga	agggggggaa	ccgaaacccc	aaatgaaggt	ccgcgccact	2100
tcctctacgg	aagacgaaa					2119

<210> 8069

<211> 1499

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (293)...(1072)

<223> similar to gi747876 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8069

tttcgtgccg	gcgccaggtc	ccagcccggg	gctagagacc	gagggccggg	gtccggggccc	60
ggcgccggga	cccaggcggg	tgaggctggt	caggagtcag	ccagcctgaa	agagcaggat	120
ggatcttgat	gtgggttaaca	tgtttgat	tgccggcggc	acgctggcca	tcccaatcct	180
ggcattttgtg	gcttcatttc	ttctgtggcc	ttcagcactg	ataagaatct	attattggta	240
ctggcgagg	acattgggca	tgcaagtcg	ctatgttcac	catgaagact	atcagttctg	300

ttattccttc	cggggcaggc	ctgggacaaa	accctccatc	ctcatgctcc	acggattctc	360
tgcccacaag	gatatgtggc	tcagtgtggt	caagttcctt	ccaaagaacc	tgcaacttgg	420
ctgcgtggac	atgccaggac	atgagggcac	caccgcctcc	tccctggatg	acctgtccat	480
agatgggcaa	gttaagagga	tacaccagtt	tgtagaatgc	ctgaagctga	acaaaaaacc	540
tttccacctg	gtaggcacct	ccatgggtgg	ccaggtggct	ggggtgtatg	ctgcttacta	600
cccacgggat	gtctccagcc	tgtgtctcgt	gtgtcctgct	ggcctgcagt	actcaactga	660
caatcaattt	gtacaacggc	tcaaagaact	gcagggctct	gccgccgtgg	agaagattcc	720
cttgatcccg	tctaccccag	aagagatgag	tgaaatgctt	cagctctgct	cctatgtccg	780
cttcaaggtg	ccccagcaga	tcttgcaagg	ccttgctgat	gtccgcatcc	ctcataacaa	840
cttctaccga	aagttgtttt	tggaaatcgt	cagtgagaag	tccagatact	ctctccatca	900
gaacatggac	aagatcaagg	ttccgacgca	gatcatctgg	gggaaacaag	accaggtgct	960
ggatgtgtct	ggggcagaca	tgttggccaa	gtcaattgcc	aactgccagg	tggagcttct	1020
ggaaaactgt	gggcactcag	tagtgatgga	aagaccaggg	aagacagcca	agctcataat	1080
cgacttttta	gcttctgtgc	acaacacaga	caacaacaag	aagctggact	gaggccccga	1140
ctgcagcctg	cattctgcac	acagcatctg	ctcccatccc	ccaagtctga	cgcagccacc	1200
actctcaggg	atcctgcccc	aaatgcggtc	ggagcgccag	tgaccctgag	gaagcccgtc	1260
ccttatccct	ggtatccacg	gttccccaga	gctttgggga	ccacgcgaaa	acctccaaga	1320
tattttttcac	aaaatagaaa	ctcatatgga	acaaaataag	aaaccccagc	catgaaatct	1380
accatgaagt	cttcaagttc	atgtcactga	caagcttggtg	caaagcagcc	accttggacc	1440
ataattaatat	caaggacatt	ttctttgaga	cattccttat	agttggagac	tcaagatat	1499

<210> 8070

<211> 2095

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(1512)

<223> similar to gi30184 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8070

tggaatggca	ctcagggcaa	aggcagaggt	gtgcatggca	gtgccctggc	tgtccctgca	60
aagggcacag	gcactgggca	cgagagccgc	ccgggtcccc	aggacagtgc	tgccctttga	120
agccatgccc	cggcgtccag	gcaacaggtg	gctgaggctg	ctgcagatct	ggagggagca	180
gggttatgag	gacctgcacc	tggaagtaca	ccagaccttc	caggaactgg	ggcccatttt	240
caggtacgat	ttgggaggag	caggcatggt	gtgtgtgatg	ctgccggagg	acgtggagaa	300
gctgcaacag	gtggacagcc	tgcaccccca	caggatgagc	ctggagccct	gggtggccta	360
cagacaacat	cgtgggcaca	aatgtggcgt	gttcttgcgt	aatgggcctg	aatggcgctt	420
caaccgattg	cggctgaatc	cagaagtgtc	gtcgcccaac	gctgtgcaga	ggttctctcc	480
gatggtggat	gcagtggcca	gggacttctc	ccaggccctg	aagaagaagg	tgctgcagaa	540
cgcccggggg	agcctgaccc	tggacgtcca	gccagcatc	ttccactaca	ccatagaagc	600
cagcaacttg	gctctttttg	gagagcggct	gggcctgggt	ggccacagcc	ccagttctgc	660
cagcctgaac	ttcctccatg	ccctggaggt	catgttcaaa	tccaccgtcc	agctcatggt	720
catgcccgag	agcctgtctc	gctggaccag	ccccaaagtg	tggaaggagc	actttgaggc	780
ctgggactgc	atcttccagt	acggcgacaa	ctgtatccag	aaaatctatc	aggaactggc	840
cttcagccgc	cctcaacagt	acaccagcat	cgtggcggag	ctcctgttga	atgcggaact	900
gtcgccagat	gccatcaagg	ccaactctat	ggaactcaat	gcagggagcg	tggacacgac	960
ggtgtttccc	ttgctgatga	cgctctttga	gctggctcgg	aaccccaacg	tgcagcaggc	1020



cctgcgccag	gagagcctgg	ccgccgcagc	cagcatcagt	gaacatcccc	agaaggcaac	1080
caccgagctg	cccttgctgc	gtgcggccct	caaggagacc	ttgcggctct	accctgtggg	1140
tctgtttctg	gagcgagtgg	cgagctcaga	cttggtgctt	cagaactacc	acatcccagc	1200
tgggacattg	gtgcgcgtgt	tcctctactc	tctgggtcgc	aaccccgctt	tgttcccag	1260
gcctgagcgc	tataaccccc	agcgtggt	agacatcagg	ggctccggca	ggaacttcta	1320
ccacgtgccc	tttggtttt	gcatgcgcca	gtgccttggg	cggcgctgg	cagaggcaga	1380
gatgctgctg	ctgctgcacc	atgtgctgaa	acacctccag	gtggagacac	taaccaaga	1440
ggacataaag	atggtctaca	gcttcatatt	gagggccagc	atgttcccc	tcctcacctt	1500
cagagccatc	aagtaatcac	gtctctgcac	ccagggtccc	agcctggcca	ccagcctccc	1560
tttctgcctg	acccaggcc	acccctcttc	tctcccacat	gcacagcttc	ctgagtcacc	1620
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ccagtgtctg	ctccaggctc	ctcgtgtggc	catgcaaggg	tgctgtgggt	ttgtcccttg	1860
ccttcctgcc	tagtctcaca	tgtccctggt	cctcttcccc	tggccagggc	ccctgcgcag	1920
actgtcagag	tcattaagcg	ggatcccagc	atctcagagt	ccagtcaagt	tcctcctg	1980
agcctgcccc	ctaggcagct	cgagcatgcc	ctgagctctc	tgaaagtgtg	cgcctggaa	2040
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<210> 8071

<211> 951

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (118)...(670)

<223> similar to gi4529888 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8071

ccccggagcc	tactctctct	tcccagggcc	caggcatcct	ggacccccca	actctctact	60
gggctgacca	gccctcctgt	cccttgcttc	ccctcccagg	gggaggcccc	cgctgagatg	120
ggggcgctgc	tgctggagaa	ggaaaccaga	ggagccaccg	agagagttca	tggtctcttg	180
ggggacaccc	ctcgtagtga	agaaaccctg	cccaaggcca	ccccgactc	cctggagcct	240
gctggccctt	catctccagc	ctctgtcact	gtcactgttg	gtgatgaggg	ggctgacacc	300
cctgtagggg	ctacaccact	cattggggat	gaatctgaga	atcttgaggg	agatggggac	360
ctccgtgggg	gccggatcct	gctgggcat	gccacaaagt	cattcccttc	ttccccagc	420
aaggggggtt	cctgtcctag	ccgggccaa	atgtcaatga	cagggggcgg	aaaatcacct	480
ccatctgtcc	agagtttggc	tatgaggcta	ctgagtatgc	caggagccca	gggagctgca	540
gcagcagggt	ctgaaccccc	tccagccacc	acgagcccag	agggacagcc	caagggtccac	600
cgagcccgc	aaaccatgtc	caaaccagga	aatggacagc	ataccaagac	cccatctcta	660
aaagaagttt	aaaagaatgt	ttcaaaggcc	aggcccagtg	actcacgcct	gtaatcccgt	720
actttctggg	gaggatcact	tgacaccagg	agttcaagac	cagcctgggc	aacatggcaa	780
gacctcttct	ctaccaaaaa	aaaaattaag	aagacattag	ttaggcattg	tgacatgtgc	840
ctgtaatccc	agcttcccag	gaagctgagg	caggagaatg	gcttgagtcc	agttcgaggc	900
tgaagtgagc	catagtcatg	ccactgcact	tcactcctgg	taacagaatg	a	951

<210> 8072  
 <211> 1686  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1519)...(775)  
 <223> similar to gi3283908 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8072

tttttttttt	ttggaagggg	ccactgcctt	tattgcctct	gtgctggggg	cccagcctgg	60
ggttcagagg	cctctggggg	caataggtga	ccctggaccc	aaattattgc	tacttggcca	120
ggtcaccttg	gggcttccca	tactgccttg	agaatgggtg	ggatgagggc	atgcaaacga	180
tatgcaaattg	acatgcaaac	caaccagag	gcctctggca	catccatggg	tgctggaaga	240
gtcagagcct	agtggcctgg	gagggcgacg	gggcacccag	ctcaggccca	gcctcggagg	300
caaggtttga	gggttggggg	gtccctgagc	atcagccctg	cttctgccgc	tggctgagga	360
ggagcagaag	cctgggtccca	agacagcagg	aagaaagcag	gaccctcgct	aggcggccag	420
atggcctgag	gccacccag	acagggacgg	gacctgccct	gggtcgctca	gccaggcagg	480
gacagcaggg	accagaatcc	aggtctcctg	agccaggcag	aagccaaagt	agcttggagg	540
ctgaagtgac	aaacaataaa	atacagggat	aaataaatca	ataataaata	gaaagcaagc	600
agcccagtc	ctgatccctg	ggctgagagc	ccttccacca	ggcccaagtc	caggaggaga	660
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atggctctgg	gcccctgtga	agtccacata	gcagcgaggg	gctcgggtgga	agtcctgcag	1020
gccttctct	gccacctgga	cctgcctctg	ggccatgagg	atgtgcaagt	caggccctt	1080
ggccagggtc	tcttcacgca	ggggttccag	ccggggggcc	ttgcaactga	gctgggtcgat	1140
gagctcctgg	aggcggttca	cctggagccg	ccactgcata	tcggcctctg	agctgcgccc	1200
tgtgtcagaa	gagccggggg	accaggtgga	tgaccggctg	acactcctca	gggctcggcg	1260
tcttgcgcgc	cggctgcgcg	agagcctgct	ctgcgcctcc	acgtctcttg	catctgaccg	1320
ccagccatgg	gcctgggcct	ccaggggtatc	tgacgcccc	tccagcgagc	tctgaagggc	1380
ttgcagctgg	ctcaccgtct	cccgcagcag	gaagcgcgtc	acaaactggt	ccactttgga	1440
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tttttctgtt	tctaaattgt	cggtgagatg	cccatcaatg	ccgctgaaca	gttcctgcag	1620
ctcccccagg	ctgagaaccc	catcggaaca	gtaattcttg	aattcctcaa	atgagagctt	1680
cccatc						1686

<210> 8073  
 <211> 3381  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (3188)...(326)  
 <223> similar to gi5257007 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8073
tttttttttt ttaaaattat gtaatcattt atttataaaa taacaaaaat ttatgaatag      60
atctgtttat tgtactgtga aaagggctctt ggtacatgaa acattatata ctttgaggac      120
agcattcaga actgttaaga caaaagacaa actataattt taaactcaat cttgatttaa      180
gggaaaggct ataaattatt ggctgaaaag tattcagcat gaactcagat tctatataag      240
catgaaagag tacaaaagat gttggagtcc agtaagccca tacctaaatt aactgtaaag      300
cttcaaggac tttttgttta tttttatata ctagttttct tctgtgacaa gttgatttta      360
tctccaagac ttaaggccat tccctggctc tttgcacgaa ttcttatatg gccggtaaca      420
gcagcatctg gtccctgggtg aattggcttc tcaatgctga catttgcaag tgcattctca      480
ccaaatatgg aacgagcata aagggtggct gccataaagc cacagtaacc agaaagggcc      540
ttttctggag tcaggcattt catattgggt gactttaata tgtgctgtaa gtagtcattt      600
aaatcaacca tgttgggtgtt aactgtcact ttgttttccc attcaaattc ggcccacatc      660
tgacggaatt ctgcatcagt gcaagttgca ggctggatat agtccatgat gtcgatgtga      720
atatcactga gaaccacaca atttctgtca cttgctgctc cagagacatc ataaactata      780
ttacaaaaaa ttattccatt ttctgttgat gctactttga cgttagcttt aatatttgcg      840
aagtcatgag gagcaagagt caaaggagac ggcttttcca caagtttcag atcccctagt      900
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<210> 8074

<211> 2517

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1492)...(568)

<223> similar to gi4884406 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8074

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<210> 8075

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2119)...(2507)

<223> similar to gi4406561 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8075

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<210> 8076

<211> 1684

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1339)...(888)

<223> similar to gi512449 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8076

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<210> 8077

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (375)...(600)

<223> similar to gil938458 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8077

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<210> 8078

<211> 1713

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (222)...(954)

<223> similar to gi2570009 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8078

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tacaggaggc	aggaggtgga	caactggcag	taaagacaaa	gatgtcaggc	ctgcggcccg	240
gcactcaagt	ggaccctgag	attgagcttt	ttgtaaaggc	tggaagtgat	ggagagagta	300
ttggaaactg	tcccttttgc	caacgccttt	tcctgatcct	ctggcttaaa	ggagttaaat	360
ttaatgtgac	aactgttgac	atgaccagaa	agcctgaaga	actaaaggac	ttagccccag	420
gtaccaatcc	tccgttcctg	gtgtataaca	aggagttgaa	aacagacttc	attaaaattg	480
aggagttttt	agaacaaacc	ctggctcctc	caaggatccc	tcacctgagt	cccaagtaca	540
aggagtcttt	tgatgtgggc	tgtaacctct	ttgccaaagt	ttctgcatac	attaagaata	600
cacaaaagga	ggcaataaag	aattttgaaa	aatctctgct	caaagaattc	aagcgtctgg	660
atgactactt	aaacacccca	cttctggatg	aaattgatcc	agacagtgct	gaggaacccc	720
cagtttccag	aagactattc	ttggatgggg	accagctaac	actggctgat	tgtagcttgt	780
tacccaagct	gaacattatt	aaagtgtgct	ccaagaaata	tcgtgacttt	gacattccag	840
cagaattctc	aggagtctgg	cgttatctcc	acaatgccta	tgcccgtaga	gaatttacct	900
acacgtgtcc	tgaagacaaa	gaaattgaaa	atacttacgc	aaatgtggct	aaacagaaga	960
gttaggagag	ctcttacagg	agaaaaggct	atatttgtga	tcagatttta	cttattgaca	1020
tattagaaag	gtttttgcaa	ataagaatat	gaaaaatact	gtttcttcta	tccaactctc	1080
ttatgaaaag	gaactctgta	ttttctatta	gccataaata	atctgtccac	tgtattttac	1140
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aagctaaaca	gatgtctgca	gttataaatg	tcataagtag	aggtacaatc	tcaccctgct	1320
ccttagaaac	atttccatat	aaatcgctaa	aataatttca	catttttggt	agtttaatat	1380
atacatgagt	ttatttctga	tataaataat	aaatacagag	agtgagcata	tcagagaggc	1440
aaattcttaa	agaatgattt	ttaaaatcag	ctctaggaag	agctcaagat	caattgggtca	1500
tagaacagca	tttgacgcct	agaactatga	ccacctcatg	gtcagagatg	agaatgtagc	1560
ctttgtgacc	agatttatatt	atttttaaat	gaagaagcac	tcattaaata	aaacataatt	1620
ttaaaaaaca	atataagaaa	caaagtcaac	tgaatctttt	attcatagaa	atgaaaagga	1680



aaataaaaac tgtggctgac gtcgacgcgg ccg

1713

<210> 8079  
<211> 1983  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1984)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (300)...(1092)  
<223> similar to gi5668737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8079

tttgattcgt	agacctagtc	cgtgcggtgg	aattccttcc	ttgcccggat	tcccagaagc	60
tggagaaaga	gtgccagtct	tccgaagagt	ccatgggggtc	taattccatg	cgttctatcc	120
tggaggaaga	cgaggaagac	gaggagccac	caagagtcct	tttataccac	gaaccacggt	180
cgtttgaagt	aggaatgcta	gtctggcata	aacataaaaa	ataccccttc	tggccagcag	240
tggtcaaaag	cgtcaggcag	agagataaga	aagcaagtgt	gtatacatc	gaaggacaca	300
tgaacccgaa	aatgaaaggt	ttcacagtgt	ctcttaaaag	tttaaagcac	tttgattgta	360
aagagaaaca	gacgcttctg	aatcaagcca	gggaggactt	caaccaggac	atcggtcgtt	420
gtgtctccct	catcaccgac	tacagggtcc	ggttaggctg	cgggtctttt	gctggctctt	480
tcttgaata	ttacgcggct	gatataagct	atcctgtccg	aaaatccatc	cagcaggacg	540
tgttggggac	caagcttccct	caactgagca	aggggagccc	cgaggagccc	gtgggtgggg	600
gccccctggg	gcagaggcag	ccctgccgga	aaatgctccc	cgaccgctcg	cgggccgccc	660
gggaccgggc	caaccagaag	ctgggtggagt	acattgggaa	ggccaagggc	gcggagagcc	720
acctgcgggc	catcctaaag	agcaggaagc	catctcgctg	gctgcagacc	ttcctgagct	780
ccagccagta	cgtgacctgt	gtggagacct	acctggagga	tgaggggcag	ctggacctgg	840
tggatgaagta	cctgcagggc	gtctaccagg	aggtgggggc	caaggtgctc	cagcgcacca	900
acggcgaccg	gatccggttc	attctggacg	tgttctgcc	cgaggccatc	atctgtgcga	960
tctctgcggg	ggacgaggtg	gactacaaga	cggctgagga	gaagtacatc	aaggggcctt	1020
cgctgagcta	ccgggaaaaa	gaaatatattg	acaaccagct	ccttgaagag	cggaaaccggc	1080
gccgtcggtg	agggagcagc	cggctgtgct	gtcagcgggg	cctggcgggtg	gaagcgcctc	1140
cagtgtgcat	gagcgtgtct	gaagatgggg	ggctcagggg	gcacgtttgc	gtttggacct	1200
gtctgtgcgt	tctcctgccg	tggcagttcc	ctgatttcca	tacttctgga	gaatccattt	1260
cgttaacact	gaaagccagt	tctcttttcc	tggcagtttt	tttcatttta	tttttggcat	1320
tttttacaag	ataccgttcg	ggaaaggctt	ttgaaaggac	ggaagcgtat	tactgtgcg	1380
ccagtactcc	tggctgtgct	gtggtttctc	ccgacgtgca	catcgatctc	gtatgtgtgg	1440
catctgatat	taaacgggag	gttttaagaa	gcgtctgccg	tgatcatgga	gcttcggaag	1500
cgggaatggt	tcttcggggt	ttgctgtttt	gtctgtttcc	cccttgtgtg	gtttccgcct	1560
gcgacagttc	cagaatttgc	tctcccactc	agtgtgctct	gcagctgtga	ggaaacagcc	1620
ttcgttagag	gcgggagcag	agacgagccg	ctgctctgtg	tctgttttgc	tgtggctgca	1680
gggagaggag	cgggacacgc	acctttccag	gggcctctgt	gtcccgcact	gtgtgtgagt	1740
ggaccgcagc	ggcagccaca	tgccttgggt	tgccatgggc	cagaccgnct	ccacctnccc	1800
cgcccgccctg	ggncttgttc	tgagtgcatt	tccctgcaat	gtgtcgtcaa	tgcacagcca	1860

gtcaacgcgg	tcttagtcaa	tcgggcgcgg	atgggtaatg	ttnggggttc	caggggtggg	1920
ccgcaagcan	ttcaagggtc	aattttnggg	aagcctnggg	gttggaantg	aacaaancgc	1980
att						1983

<210> 8080  
 <211> 1787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1788)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (95)...(406)  
 <223> similar to gi2443310 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8080						
atgtcgcgcc	gacctgaatt	cccggatcga	cgatttcggt	cccaaccgcg	cagtcgcggt	60
ctccggcgcc	agctacgccg	ctgccgctgt	cactatggcc	cattacaaag	ccgccgactc	120
gaagcgtgag	cagttccgga	ggtacttgga	gaagtcgggg	gtgctggaca	cgctgaccaa	180
ggtgttggtg	gccttatatg	aagaaccaga	gaaacctaac	agtgccttgg	atTTTTTaaa	240
gcatcactta	ggagctgcta	ctccagaaaa	tccagaaata	gagctgcttc	gcctagaact	300
ggccgaaatg	aaagagaagt	atgaagctat	tgtagaagaa	aataaaaaac	tgaaagcaaa	360
gcttgctcag	tatgaaccac	ctcaggagga	gaagcgtgct	gaataggatt	cttctcagtt	420
tgaaagacaa	tgaaaaatgg	ttttgtatga	cttgaatagt	ttgtatagta	tataatcttt	480
tctgaacaga	tgctattgga	actcttttaa	tatgtgtaat	tcacctatca	cactctgtta	540
aaaacacata	gaatcatcaa	taaaaactca	atataacttt	ctttgggtct	taaagcagga	600
gaatccaaag	taaatcctga	acaaaaccta	aacacagcca	tctaactcat	taccttaaaa	660
gacattctgt	ttattagtct	gattaggaat	gatggcactg	gttgatattt	agccaagaca	720
gtttagcatg	gagctattcc	ttggtgcagt	tcaggatatg	aacacagggg	acagtcattc	780
tttgaacggt	gacactgggt	ctgtatatcc	cctataggca	gctggagaga	tctgtgtgac	840
acaagatgct	tttgtacggg	gttcccatga	atcttctgct	cttggtttgtg	tgacatggaa	900
caaataactt	ctttgccacc	actttgcctt	agataactgt	gtgtgtgtgt	gccagtttga	960
actctgacac	cacattttcc	ttctatgcaa	tcatgcctgt	ctgataatct	tgcattgctt	1020
tcctctgagc	tttagtgggt	cctagtgtga	cactggcctt	tctgtgctgt	ttttcaattt	1080
gcctaataat	agcagttacc	ctgattgtaa	tttatgtaac	tttaaacagg	atcacactgt	1140
acccctgcc	tgctttatct	gcttactgag	cacaggacag	aggcaatata	caactctggg	1200
ttcacacaca	agctgagatg	agaagaggaa	tgagccatat	attggggaaa	atcatagttt	1260
gtaggtataa	ttatatagtg	cttttctccc	tcaaagtatt	tttctagcct	tgaattcatt	1320
ttatcttcat	tatccctgtg	aagtaggtgg	gacaagtata	aggggaagag	gggtgctgaa	1380
tttttaggcc	aaagactgat	attaatacaa	atcactcact	aactgtagag	ccttgggcat	1440
tatcagtga	ctactctgag	atctactgtc	ttcatctggt	taatgagtag	aatgtccgtg	1500
atgcctacct	cacaggggtt	ttgtgagggg	caaatagaga	tgtatgtgaa	agatttgtaa	1560
atggtaaagc	actatattct	tgtttggttag	tcctttttcc	tttctttggg	tagacctaca	1620
gtcagatggt	ttgttttatg	gatcacttat	tttccttact	ggtagactgt	cgttttatag	1680
acatattcct	atctcatata	ttctctccct	gttgttagag	aacctatctt	tgtttttggt	1740

caaaacacac atagaaaaca naatgatcca atgaaaactg ggттаac

1787

<210> 8081

<211> 3273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (289)...(2707)

<223> similar to gi2984586 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8081

cggtcttct	cggtcagtc	tcagcgaagc	gtctgcgacc	gtcgtttgag	tcgtcgctgc	60
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cgctcgctg	ccggtgggag	gaagcgagag	ggaagccgct	tcggggtttg	tcgccgctgc	180
tcgcccaccg	cctggaagag	ccgagccccg	gcccagtcgg	tcgcttgcca	ccgctcgtag	240
ccgttaccgg	cgggccgcca	cagccgcccg	ccgggagagg	cgcgcgccat	ggcttctgga	300
gccgattcaa	aaggtgatga	cctatcaaca	gccattctca	aacagaagaa	ccgtcccaat	360
cggttaattg	ttgatgaagc	catcaatgag	gacaacagtg	tggtgtcctt	gtcccagccc	420
aagatggatg	aattgcagtt	gttccgaggt	gacacagtg	tgctgaaagg	aaagaagaga	480
cgagaagctg	tttgcacgt	cctttctgat	gatacttggt	ctgatgagaa	gattcgtag	540
aatagagttg	ttcggaataa	ccttcgtgta	cgcctagggg	atgtcatcag	catccagcca	600
tgccctgatg	tgaagtacgg	caaacgtatc	catgtgctgc	ccattgatga	cacagtggaa	660
ggcattactg	gtaatctctt	cgaggatatac	cttaagccgt	acttcctgga	agcgtatcga	720
cccatccgga	aaggagacat	ttttcttgct	cgtggtggga	tcgctgctgt	ggagttcaaa	780
gtggtggaaa	cagatcctag	cccttattgc	attgttgctc	cagacacagt	gatccactgc	840
gaaggggagc	ctatcaaacg	agaggatgag	gaagagtcct	tgaatgaagt	agggtagatg	900
gacattggtg	gctgcaggaa	gcagctagct	cagataaagg	agatggtgga	actgcccctg	960
agacatcctg	ccctctttaa	ggcaattggt	gtgaagcctc	ctagaggaat	cctgctttac	1020
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ttcttcttct	tgatcaatgg	tcctgagatc	atgagcaaat	tggtggtgga	gtctgagagc	1140
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gtatcacagt	tgttgaccct	catggatggc	ctaaagcaga	gggcacatgt	gattgttatg	1320
gcagcaacca	acagacccaa	cagcattgac	ccagctctac	ggcgatttgg	tcgctttgac	1380
agggaggtag	atattggaat	tcctgatgct	acaggacgct	tagagattct	tcagatccat	1440
accaagaaca	tgaagctggc	agatgatgtg	gacctggaac	aggtagccaa	tgagactcac	1500
gggcatgtgg	gtgctgactt	agcagccctg	tgctcagagg	ctgctctgca	agccatccgc	1560
aagaagatgg	atctcattga	cctagaggat	gagaccattg	atgccgaggt	catgaactct	1620
ctagcagtta	ctatggatga	cttccggtgg	gccttgagcc	agagtaacct	atcagcactg	1680
cgggaaaccg	tggtagaggt	gccacaggta	acctgggaag	acatcggggg	cctagaggat	1740
gtcaaacgtg	agctacagga	gctggtccag	tatcctgtgg	agcaccagga	caaattcctg	1800
aagtttggca	tgacaccttc	caagggagtt	ctgttctatg	gacctcctgg	ctgtgggaaa	1860
actttgttgg	ccaaagccat	tgctaataaa	tgccaggcca	acttcacttc	catcaagggt	1920
cctgagctgc	tcaccatgtg	gtttggggag	tctgaggcca	atgtcagaga	aatctttgac	1980
aaggcccgcc	aagctgcccc	ctgtgtgcta	ttctttgatg	agctggattc	gattgccaag	2040
gctcgtggag	gtaacattgg	agatggtggt	ggggctgctg	accgagtcac	caaccagatc	2100
ctgacagaaa	tggatggcat	gtccacaaaa	aaaaatgtgt	tcattcattg	cgctaccaac	2160

cggcctgaca	tcattgatcc	tgccatcctc	agacctggcc	gtcttgatca	gctcatctac	2220
atcccacttc	ctgatgagaa	gtcccgtggt	gccatcctca	aggctaacct	gcgcaagtcc	2280
ccagttgcc	aggatgtgga	cttggagttc	ctggctaata	tgactaatgg	cttctctgga	2340
gctgacctga	cagagatttg	ccagcgtgct	tgcaagctgg	ccatccgtga	atccatcgag	2400
agtgagatta	ggcgagaacg	agagaggcag	acaaacccat	cagccatgga	ggtagaagag	2460
gatgatccag	tgcttgagat	ccgtcgagat	cactttgaag	aagccatgcg	ctttgcgcgc	2520
cgttctgtca	gtgacaatga	cattcggaag	tatgagatgt	ttgccagac	ccttcagcag	2580
agtcggggct	ttggcagctt	cagattccct	tcagggaacc	agggtggagc	tggccccagt	2640
cagggcagtg	gaggcggcac	aggtggcagt	gtatacacag	aagacaatga	tgatgacctg	2700
tatggctaag	tggtggtggc	cagcgtgcag	tgagctggcc	tgcttgacc	ttgttccttg	2760
ggggtggggg	cgcttgccca	ggagagggac	caggggtgcg	cccacagcct	gctccattct	2820
ccagtctgaa	cagttcagct	acagtctgac	tctggacagg	gggtttctgt	tgcaaaaata	2880
caaaacaaaa	gcgataaaat	aaaagcgatt	ttcatttggg	aggcggagag	tgaattacca	2940
acaggggaatt	gggccttggg	cctatgccat	ttctgttgta	gtttggggca	gtgcagggga	3000
cctgtgtggg	gtgtgaacca	aggcactact	gccacctgcc	acagtaaagc	atctgcactt	3060
gactcaatgc	tgcccgagcc	ctcccttccc	cctatccaac	ctgggtaggt	gggtaggggc	3120
cacagttgct	ggatgtttat	atagagagta	ggttgattta	ttttacatgc	ttttgagtta	3180
atgttggaag	actaatcaca	agcagtttct	aaaccaaaaa	atgacatggt	gtaaaaggac	3240
aataaacgtt	gggtcaaaat	ggaaaaaaa	aaa			3273

<210> 8082

<211> 903

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (858)...(432)

<223> similar to gi4679014 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8082

ttggtaatcc	aatttggaga	gtggccactg	aatcaatta	aaaatgttta	ttctgaaaga	60
tgctactata	aagtttatag	actcaaatgc	ttataatgct	taatcaaac	taaatttaca	120
aaaaaaccta	gaaacagggt	gaattgaaac	ctgtagatca	ttttataata	ttcatgagca	180
acaacttttt	taaagacaaa	ggctactggt	ttaatataaa	ttaagagctt	taacatgatc	240
tccctttagt	gcttttaatt	gtcacatggc	tgtaaaccaa	agacccctcc	aaattttaaa	300
tgatcactga	tactacttga	gcagaaattc	tcagggtgtca	gtacttttaa	tgttgtgtac	360
atcaaattac	agtacaaaga	tgactataaa	caagatgcag	ccctcggttt	ccatgaacag	420
cacactatta	cagtaaacca	agtttatatt	ccaccatcaa	gtgtggctct	cccatgactt	480
cgcttttgta	tggatcatta	agaatatcct	caaatccaat	agtctcatca	ttaccctcca	540
aaacatccag	tgaaagattt	gagcttgaaa	gaaatggaag	acgctgaacc	tgctgcactg	600
ccttgaattc	catctgtaat	tttagcggag	caaatagacc	ctgaatgttt	ctcagtgtgg	660
aaaaattcat	tttatcttgg	ttgagctgga	aatttttttc	tgataattca	aggggatgac	720
taggcaaaag	ttcatttttc	acacaagaaa	aacctttccg	aagaagatca	tgactttcaa	780
aagggtccact	tgctgaaagt	tcagtaactg	gaatactgtc	cttttagctca	gatccaagtc	840
ctctggcatt	catcttccgc	agctctgcga	acagcctctc	tgccccgtta	ccgtcagtcg	900
acc						903

<210> 8083  
 <211> 849  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (551)...(215)  
 <223> similar to gi3874352 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8083
tttttttttt ttatagaaaa atataacttt aataaggaaa ttcaactaag ggtaggagta      60
ctccaggaac aatggtaatc cccacatgat gatctgattc tcttctggga gcaaaacatt      120
gcaaccagac aggatggaca aggcattctaa aaaccagta tccttcacct tccgaaagga      180
gggagggaact gtagagttgc ccaggaaaaa ggtcaagagt cttccttctc ctggaacttg      240
cagttggtac aggtgtagaa gacagtttgc ccttcacggt ctgaacgcat ctgtctggtg      300
tggtatgcca ttccttcatt accacatcga gggcagcgcc tgtcaaccac aggtccctgg      360
cactcaggcc cttcctccac cgacataggc atggctgtcc ccagttggtg gaacacaacc      420
gaagtcttca caaccttccc ctcaaagtcc cgaacgttga tgttgaagcc acagcgaata      480
caggtgaccg tatcctgagc cccgggcaga ggcaggaccg agccgcaatc tgaacagaaa      540
tccaggtccg actgaaagct ggagcaagta ttggcgaggt ccatgacaga catgcggtcg      600
ggtctgagga gggagttgga agtttattaa caaaagagag aagagttcct gtcccagagg      660
tcgtaactat tctgtcccag gacctaggag tatataacct gaaccctcct gccacgcacg      720
cctcctgcct ctgcgaccaa ggagccgaaa cgcccgaat tcccagacag cgtcgggtac      780
taaagcactt ggaacccttt ccgaattccc cgcgctgtac atggtctcaa cctttttttc      840
cttacattc

```

<210> 8084  
 <211> 1001  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (142)...(582)  
 <223> similar to gi5262549 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8084
cactagtagc tgggtgctcca ggctggcggc gctcaccttt ctcctagccg ggtgaccag      60
gggatttatt atatgttggc tttctctgaa atgccaaagc caccgatta ttcagagctg      120
agtgactctt taacgcttgc cgggggaaca ggaagatttt cgggaccatt gcacagagca      180
tggagaatga tgaacttccg tcagcggatg ggatggattg gagtgggatt gtatctgtta      240

```

gccagtgcag	cagcatttta	ctatgttttt	gaaatcagt	agacttaca	caggctggcc	300
ttggaacaca	ttcaacagca	ccctgaggag	ccccttgaag	gaaccacatg	gacacactcc	360
ttgaaagctc	aattactctc	cttgcccttt	tgggtgtgga	cagttatttt	tctggtacct	420
tacttacaga	tgtttttggt	cctatactct	tgtacaagag	ctgatcccaa	aacagtgggc	480
tactgtatca	tccctatatg	cttggcagtt	atttgcaatc	gccaccaggc	atttgtcaag	540
gcttctaate	agatcagcag	actacaactg	attgacacgt	aaaatcagtc	accgtttttt	600
ccctacgatt	acaaaactgc	cagtcctata	tggagtctga	tcacaagact	gcagtttctt	660
cacagatctc	aggaagtgtg	cgtggggcag	aggcttttta	aaaacatgtg	attagggagc	720
tatctttatc	tgaataataa	cgaattttta	ggtaaaacct	gagatagagt	actacaaaat	780
catgttgatg	acttcagatt	ttggaagtta	aatcatgtct	gttatttgca	ttcttttaga	840
acttgactaa	gtacctgaat	tcatatttct	attctactgt	gcaacatagt	gatgattcag	900
aaatttttcc	tttggggaaa	aaaatgaata	tgaacatttc	cattgtgtta	agtgtaaaaa	960
gggccagaca	tgatcataaa	atttaaattt	tatacaatta	a		1001

<210> 8085

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2250)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2165)...(1707)

<223> similar to gi703110 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8085

ggaattcctg	ccaagggtc	cctgaatggt	gtccacacag	cgaggaagcc	acgcttgatt	60
cttttatcca	ggacattctc	cacactctgc	cggtcctaac	tcaggcagca	gcataactgg	120
tgactcggct	gaggccatgc	cagcccccac	gcactgtggc	aggaccagg	gttcagtact	180
gactctatgc	tggagcttct	ggaatgtggg	cgtgcccggg	tgctggagca	gtgtgcccgc	240
tgcatccagg	gtggctggag	gcgacaccgg	caccgagagc	aggagcggca	gtggcggggc	300
gtcatgctca	tccaggcagc	cattcgttcc	tggttaaact	ggaaacacat	ccagaggctg	360
catgcagctg	ccacagtcac	caagcgtgca	tggcagaagt	ggagaatcag	aatggcctgc	420
cttgctgcta	aagagctgga	tgggtgtggaa	gaaaaacact	tctctcaagc	tcctgttcc	480
ctgagcacct	cgccgtgca	gaccaggctc	ctggaggcaa	taatccgcct	ctggcccctg	540
ggactggctc	tggccaatac	ggctatgggt	gtaggcagct	ttcagaggaa	attagtggtc	600
tgggcttgcc	tccagctccc	caggggcagc	cccagtagct	acactgtcca	gacagcacia	660
gaccaggctg	gtgtcacgtc	catccgagcg	ctgcctcagg	gatcgataaa	gtttcactgc	720
agaaagtctc	cactgcggta	tgctgacatc	tgccctgaac	cttcacccta	cagcattaca	780
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ttgccaaaga	catttaatac	gcacacagct	gccagactat	ttccacagtg	ctccaaatgc	960
acatgaacaa	cagtgcaggg	tccagccttc	gaccagagc	cccggtgcca	gtgcgtcagt	1020
gggcctgggg	ttccaggcta	catcaagcac	tgatgggtgc	agggctggta	gttaccaaat	1080
cagggttaag	aaacatcagg	gccacatttc	actaccttca	cagatcaaac	tcagcagcag	1140

tcataactgt	ctgtcactac	actggggatc	ccaattccac	ataagcactt	ttggaagaaa	1200
acagccaaag	ttggcctaaa	attggcgctg	gaatttgggc	tgggaaaaat	cttgtgggta	1260
tttcctttaa	aaaggaacaa	aacttttagta	tttaattagt	tgatttatatt	aatgtaattt	1320
caaacaatta	aattatgaat	aatgcaatgt	acagtagaat	cacgttttga	ttttattaac	1380
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ctgtaccaa	agtaaaacat	ttaaaaacaa	tcactctgaat	gtcaagtttt	ctctccataa	1500
aggacttgcc	accttaagga	ccccaagtct	gcctgaaaca	tgagccacat	caatgccggt	1560
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gttgactgt	tctttgtgct	tccggaagca	gactaccgag	cagtagggca	cgcggcaggc	2100
tggacagcgg	tatttgggct	tctccaagca	gatcacgcag	acgaagggtg	tacatttgag	2160
cgacgccatg	gttttgtgga	aggagactgt	tcactgcgcc	gccgcgcgcg	aattccacca	2220
cactgagtat	ggacatcgat	anngacctc				2249

<210> 8086

<211> 985

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (903)...(398)

<223> similar to gil2586 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8086

ttttttcagg	cttcggggtc	tttaattgggg	cgggggctgg	gggcagttca	tccaaagggtg	60
gctccgaagc	tgaggtcaac	cttggcggtc	ggctctgcag	ggcaaagggg	atggtaagcg	120
gcccgtcagg	ctggggggat	cttgaaaggc	ggaaggagag	cccatgggt	ggcagccaca	180
gctcaaagct	gaggaggagc	ttccctggcc	cagtcccaa	agctttcaac	acaggcaggg	240
cctggggccc	aggcagaagc	ctgcactgcc	ctctggtggc	ctccttggca	ggcgcggctt	300
ccccagggtg	ccgggacccc	aggagctggc	tgggcccacc	tggcatccct	gcccagcccc	360
tggccgggce	tcgggacacc	gggtacgcac	cgctaactcc	agggccttca	ccagggcctc	420
gttggcctcg	attcggtatc	ggatctctgc	ccgcgtggcc	tcgtcagctg	tccccaccag	480
ctccgcctgg	gccttctcca	agtttgcctt	ggctgcccc	aggtccaaca	tgtccagcgt	540
cacggcctct	tcggccaaca	actgcaccga	agagtcggcg	ttactgcga	tggaaaccgct	600
gctcaciaag	tatttggagg	tggtgccgtc	ctctgcatgc	accacgacca	gccccggccg	660
caggacctgc	agcgtgggca	cgtgggcccgc	caggatgccg	aaggctccgg	tcagcgtggg	720
cacgtccacc	tgccggacgt	tggcacccgtt	gaagaacacc	tgcgtgggag	aggcgaagggt	780
gaaggacatc	tggttggggc	cagaggcggc	agccggggcg	gcggcgccct	cggcataggc	840
acgggcgtgg	cggacgaggc	ggccaagtcc	cgggcggcgg	agcagcgcgg	cgggcagcat	900
ggcagcggct	gtccggcagg	atgcgggtag	cttgcctgaca	gcgggaactcc	ggcgcggcgc	960
gggcggcctg	gagggcgagg	aggac				985

<210> 8087  
 <211> 1773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1612)...(1069)  
 <223> similar to gi5103142 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8087
tttttttttt ttcaaaatat gaaaatttat tttgcatagg aaacaataat ctctggtaaa      60
catcattact gcatctaaca aaacaatgcc ttcaattaaa gggggaaaagt gagtttttaa      120
acattagggg taatttagaa gaaaatacag tatataataa tctcaacatc atgtttaggg      180
taaaaatgct ataatgtgaa aaaagtccct aagaactgga cagaacctac ctaacaacac      240
catttaccgt gtatgttttc aatagacaaa acatattttg taccaaattc caacagtggg      300
aattctatag ttgtggccct ttaaaaaatg gcagcattgt acttgaatca gaaagcttac      360
tggtgatttc tcatcgaaag tagagattgc agctaatect agtacctttt gttagtaatt      420
acttaaggca cagtgcgaaag ttgaaggact gttttggtac aaactcaagc cagctacatg      480
tatgcttgcc ttggtatcct tgctagagca catgcaggta taataccgta ttatacacia      540
caaggccacc ctgtgtgatc tgtgttataa ttaaacatca gtcccagaaa gtgaacccta      600
gtcattttatt atagggtgcc acctctgact tggaacaaaa tgccactcca ttcattgttc      660
tttttgtcct ggagaggatt tatttcctaa aagattctga aagccaacaa atcaatgtgg      720
ttcttcatag agaacttaag agtaaggctc aaaatggcct caaaatgggc ttcttggatg      780
acttccaaca gtgactggcc ttctcaacac tgcagatgtc tgagcactac cataacctaa      840
cgaagtgagg aaggaggagg caaattggta tttttaaaca agaatttaag tggtcttttc      900
tttcaagtct aaaaaaacct ttggctttta agattataaa ctgatttact aaatttataa      960
aagaccttaa tttagcaaag agcttctttt tcctttgggt cagttactca aaatccactg     1020
tgtgaaggaa taatgtatcc atcattcagc ctttatagcg gtcttccggt agcgaagtac     1080
tgtcactgtt acccatatat ttaaagccag catgatccca aaacgtagaa gaattgtaaa     1140
atcattggtg gtcattaaag ttgtgattat tcttgttgca caggtatagg aagagaggct     1200
ccaagtcagc gcactcacag ttcctgagtc tctcgtcttc cacagacact ggagctgtgc     1260
aaacttactg gccgcgctga tgaaagtaca tagattcatg gccagggtcta tgatccactt     1320
ctgcagggca aggatgaacc aagaagacac caatacagcg atgtaaggag tggcctgctt     1380
cacgttcccg ttaaaatgaa agatacagag caggaggatg acatcttgcg cgatgaggat     1440
ggggtactcc aggtaggtca gcggcggata cccatagtaa cactggtacc gcagaaacac     1500
caggaatcct gccagctcca gaagtaaact cggaaggctg agggccccgc cgctgcgcgc     1560
cgctagcaca gcggagatct gcggcagctt cagcgcggcg cacacgcca gcgtgctcca     1620
gttacacagc cccagcagcg ccgcctccat agcgccacgg gcgcgggcac ctgggcggcc     1680
gcagcgagaa gggaccgctc agcctcggcg gcgcagctct gccgaagcct tccgccttcc     1740
cgggatccgc ccgggaccac ccggccaggg ccc                                     1773

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<210> 8088  
 <211> 1250  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (379)...(861)

<223> similar to gi6006361 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8088

cattgcttga	ggttgcccag	gtagtttcgc	cttacacttc	ttgtcccagt	gcaattatta	60
gtagagctcc	ctttcactgt	caaatttccg	gttggggata	aattgcattg	tcgttttggt	120
ttgagatagg	aagatgaggg	gaggaaggag	gtgaggcggt	aaggggcgtt	ctctctcttg	180
ggtcccgcgc	ccaacttccg	ctggcccaaa	gaaactataa	ttttgaacca	acagacctct	240
gctggcatct	gcgattgcat	ttttcctggt	ttaacaacgg	ctgtgctaga	cgaagtgggtg	300
aagcccaaag	acttattttt	gagctcgctg	taagactgag	aaatcacgta	gtccttcctg	360
aaaccactaa	gaggaaaaat	gtctgtgaca	ctgcatacag	atgtaggtga	tattaaaatt	420
gaagtcttct	gtgagaggac	acccaaaaca	tgtgagaatt	tcttggctct	ttgtgccagt	480
aattactaca	atggctgtat	atttcatagg	aatatcaagg	gtttcatggt	tcaaacagga	540
gatccaacag	gaactggaag	aggaggcaac	agtatttggg	gcaagaagtt	tgaggatgaa	600
tacagtgaat	atcttaagca	caatgttaga	ggtgttgat	ctatggctaa	taatggcccg	660
aacaccaatg	gatctcagtt	cttcatcacc	tatggcaaac	agccacattt	ggacatgaaa	720
tacaccgtat	ttggaaagggt	aatagatggt	ctggaaactc	tagatgagtt	ggagaagttg	780
ccagtaaagt	agaagacata	ccgacctctt	aatgatgtac	acattaagga	cataactatt	840
catgccaaac	catttgctca	gtagctatga	tagacctgga	caaataactt	gacaaattgc	900
tggaaacacac	ttattgtggt	ttacccgggt	ttaattatgt	cagagattgc	atcatccttc	960
tgcttggtta	caactatgat	cttctatgaa	atgggtgtac	caaggggcgc	ccaacagctt	1020
ttatccccaa	tcttagagca	tattctttat	tataatgatt	atccaacata	tttctttaat	1080
tttaatacaa	aaaatacatc	atttaatttt	tgttacatat	gaacattcat	ttttaaatgc	1140
tcagcctcaa	gtgcaggcat	ttttgagtgg	cctgattaca	tattcctccc	acagcaagtc	1200
cgtatcctgg	aaaaattaac	cccgccccaa	gttttaaaa	gttttaaaaa		1250

<210> 8089

<211> 1804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1785)...(1283)

<223> similar to gi5360117 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8089

tttgaaggaa	tctcattaac	cagtttactg	acaaagagat	gtcggatcat	acagacaaa	60
ggaggcctgg	ggaaagctat	gggggaagg	gtagcatagc	ttgcaagccc	acccagggc	120
accacctgt	aggaacctac	ataaaaaagt	ctaccaatgg	tgcaactatt	taactgggat	180
aaagattatt	ctgttcagca	atacttggac	aactcttttt	attatctttc	tacagtaaac	240

aaagtataat	cccaaagttc	tgcagatatt	taattgggaa	aagacacaac	cctacagtca	300
gttgggaaag	actaccttta	gaagagaaaa	atgaattggt	tgggaagaaa	tacattaaca	360
gaactgtatt	tctaacgcat	ttacttttta	agccatcaaa	tgttctcatt	tgagccacgt	420
gttctgtgca	cattcagaga	accttttgaa	aatgaattaa	gtctttgcct	tctttagtct	480
gttgataaac	tcttgagaat	gctgagaaat	ctccagaaaa	ccagtatggt	ttctcttggg	540
aacgaattgc	agagcctctt	gccaattacc	attgtttttc	agacataaca	aaatacgtat	600
catttgatct	aaggtgagat	ttttgttacc	aatttcccat	tgtaaattat	tatctaattg	660
aaggcattca	gttgccagggt	tcagccgttt	tgccttggct	agggatgtgc	ctggctgcat	720
actcttatca	acaaaagacc	caattacata	aactttgtca	tgctgaaag	tagtcataac	780
attgggagaa	tctgcagtta	aatagataat	actgtccttt	ggaaataaat	ctacatgaga	840
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tctgtgcaaa	gcaccatcta	tttttagatt	gcagaaataa	atatggaaag	gatcaacatt	960
tcttctgttc	catccttcac	tttctaaaag	ctgggaaaca	gtattctgca	attcttttcg	1020
tttcatataa	ttttcgtaag	ccatgtcaaa	aaccaaaggt	tgtccaaact	gcatggcctg	1080
ggcacccttc	cagcccattg	ctatgtccat	attcctatcc	caaagtcgta	aaaatagaaa	1140
gtttttctgt	ttatcttcct	cagtggtttc	tagcagcttg	atattttttg	cttcttcctt	1200
tgctgtgct	ttcatttcct	tttttatttg	cctagctttt	ttcacttttt	ccttcgtata	1260
taaaattttt	aaatattttt	tttttgctgt	gttagaaaca	cattccataa	gggttttgag	1320
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ctctctgggt	gcagctagag	gatcttcac	cttactgctt	gagattgttg	aaacacattc	1440
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caaaattgtt	aagttatttc	tcttcctatg	aagggtaaat	ggcaccaaaa	acctggtgaa	1620
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caggagtgc	gagatagtgg	ttcccgtctg	cgcaaagaac	agggaccctg	gaggacgaag	1740
gactccgacg	tacggacgcc	cagggatccg	cgccgaagct	agcacgcagc	ctaccaaca	1800
gtct						1804

<210> 8090

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(918)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (567)...(241)

<223> similar to gi5304856 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8090

tttttttttt	ttcagcctta	ataaattagt	ataatactat	tagaaggggt	gggcattttg	60
ttctgtttct	tagcagcatt	gtctacatgc	ggcctgacgg	tctccttccc	tgggaaattt	120
aaaaagccgt	cccctggttg	ttagctctga	tgtaaaatta	taaaatagaa	atctggtagg	180
gtttgttttg	tttataaagg	aaaagccctg	gtgaggcagg	gcgggtcccag	gcagtcctgt	240
tagctctggc	cgttgggtct	gcccacggag	ctccctcctg	gaggctggat	ctgaatggag	300

tccaggaggg	gccgaagtgc	ctgtccaaag	ggcgtggaga	gaacttcaga	gggcaggtct	360
gtgatgtaag	aaggaatctt	ccgcccagtc	aggaactgtg	ccacttcgtt	gctgaagggtg	420
ttacaattgt	gttcaaagag	gttgtaggcc	tcacctcgga	acagggactc	ccccagggag	480
gagaggtact	ccagaaagat	ttcttctgtg	acttctgtac	tccccacatc	aaccacagag	540
tctggaggcc	caagcaatgt	ccctcccggg	gggcagctgg	agataccacc	actgccgaag	600
aagaactcat	ccttgtgcac	aactatggat	gtgtgccaga	tgccttccag	ttgtttcccc	660
agcatgatgg	ggctgagccg	ccgggccagg	cctttggaca	ggtcgtacac	gtagagcttc	720
accgataga	gattcggcgg	ctccattggg	acccgtggcg	acggcggcca	cgacggccct	780
cgggcacccg	gcagcggctt	gaaccttccc	gtacccgacg	ggagtgcgaa	gcgaggaggag	840
agggggggac	cgctcgtgcc	gaattcctgc	agagcggctc	attaagggcg	gtcaattnng	900
gggncggggg	ggggggg					917

<210> 8091

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1594)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1332)...(375)

<223> similar to gi5764010 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8091

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gcaaatgaaa	cccaaaggat	gggtgcccaa	aagcacctgc	ggcaaaggcc	cacgggaagc	120
ccggggccca	ggctcatgca	acacgacctt	caccgcggtc	cgggtccgtg	gggccgtcag	180
agaaaccttt	ttaaaaaatg	gagatgaatg	ttacagaatt	ggacaaccgc	aactgctttt	240
caaaaccaga	ggaaggaggg	tttttagccg	ttactcagat	actcagtgtc	ggggaggagg	300
gcctgacttc	agcaacagct	gtgggtgggc	tggaggccgg	cgcactcttg	ggccccccgc	360
gccagctgtc	tcagccacca	cctgtgcggc	gcttgctccg	aggggtcagc	aagagcaact	420
gatggctgcc	acttccaggc	cccagagac	aggcctcacg	taactttact	gcagccgagg	480
tccaggccgt	ggaggggggtc	ctagctccgc	tgcattctgc	atcccaagtg	ggcacgtgga	540
ggaagggtct	gaaggaaggc	tccggagcac	aggccctggg	gttcctgtga	ggacgctgga	600
cctgcaggag	cggggagctg	cagtgccact	gcaggtagcc	cacggtgttc	ttgtctaggt	660
tccgagctag	gacagtggtc	aggccgggtc	ggattccacg	ggatgaaaac	tgcagagcac	720
agtttgttgt	cacaaagcat	cttggtgtga	gattacggaa	cagcttgaga	ccgaacaaag	780
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agaggatggc	tgtgtctgtc	gctgtcaagg	gtgcctcaat	ggactgggat	atgtgcattt	960
tattaatttc	aatctgcgga	aagctactgc	cggacacatc	ttcatactcc	tcacatagc	1020
gatcaaaaag	gtcgggtggca	tctactccaa	cgtctgctgc	tcccttggga	ttggttcgct	1080
gctgcaatct	cctctcttct	ctctctctct	gcagccgctc	aaactcctct	cgaatttcag	1140
caggggttct	ctccttttcc	acaacctccc	atccttccat	ttccagtcct	ctcttcccat	1200
atatatcata	gatggccctg	gtttgggggt	cactaagcac	ttcataagcc	tggtgaacaa	1260

ggttaaacag	tcgttccgcc	tgtgacttga	gctctgggtc	tctgtgcttg	tctggatggg	1320
agagcataca	gagcctccgg	taggcagctt	tcagctcttc	agaagaggcc	tccctgcgca	1380
cgttcagcaa	cgagtaatag	tcttcattgt	ccagctcctc	ctcgtcaag	gccgtcgcca	1440
tcttcgcaac	ctttcacccc	gccaaaccgg	caaggaagtg	ctcaagaggg	gccagtgatc	1500
cgcgtcaggg	acagcgcggg	ctcgaaatcg	tcgaccggg	aattgcggct	cggtgaccgc	1560
tcgtcgagga	catcaaggnt	tnnttacatt	tcc			1593

<210> 8092

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (219)...(1335)

<223> similar to gi3924708 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8092

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gggggcaggt	ccgggcaccc	accatgcgag	gcgagctctg	gctcctgggtg	ctggtgctca	120
gggaggctgc	ccgggcgctg	agcccccagc	ccggagcagg	tcacgatgag	ggcccaggct	180
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tttactttga	caatgggaca	gtctttgtgg	ttcagtgagg	ccacgtttat	ctccaaggct	720
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aacctaatct	catcctgttt	tgatgcaagg	gttctcttct	gtgtcttgta	accatgaaac	1860

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cctttccttg	ctccaaaaaa	aaaa				2304

<210> 8093

<211> 1714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(1208)

<223> similar to gil78039 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8093

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tctgggctgg	tgaaggccgc	ctttgcgggc	gatgacgcgc	cccgcgctgt	cttcccgtcc	180
atcgtgggcc	gcccgcggca	ccagggagtt	atggtgggta	tgggtcagaa	ggactcctac	240
gtaggtgatg	aagcccagag	caagagaggc	atcctgaccc	tgaagtatcc	catcgagcat	300
ggtatcatca	ccaactggga	cgacatggag	aagatctggc	accacacctt	ctacaatgag	360
ctccgtgtgg	ctcccagagga	gcaccccacc	ctgctcacag	aggccccgct	gaaccccaag	420
gccaaccggg	agaagatgac	tcagatcatg	tttgagacct	tcaatgtccc	tgccatgtac	480
gtggccatcc	aggcagtgc	atccctgtat	gcttctggcc	gtaccacagg	cattgttctg	540
gactctgggg	atggtgtaac	tcacaatgtc	cccatctatg	agggtcacgc	tttgcccat	600
gccatcatgc	gtctggatct	ggctggtcgc	gacctcactg	actacctcat	gaagatcctc	660
actgagcgtg	gctactcctt	tgaccaccct	gctgaacgtg	aaattgtccg	tgacattaaa	720
gagaagctgt	gctatgtcgc	cctggatttt	gagaatgaga	tggccacagc	tgctcttcc	780
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atccatgaaa	caacttacia	tagcatcatg	aagtgtgaca	ttgatatccg	caaggacctg	960
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cagaaggaaa	tactgtctct	ggctcctagc	accatgaaga	ttaagattat	tgtcccccct	1080
gagcgtaaat	actctgtctg	gattgggggc	tccatcctgg	cctctctgtc	caccttccag	1140
caaatgtgga	ttagcaagca	agagtacgat	gaggcaggcc	catccattgt	ccaccgcaaa	1200
tgcttctaag	atgccttctc	tctccatcta	ccttccagtc	aggatgacgg	tattatgctt	1260
cttggagtct	tccaaaccac	cttccctcat	ctttcatcaa	tcattgtaca	gtttgtttac	1320
acacgtgcaa	tttgtttgtg	cttctaatat	ttattgcttt	ataaataaac	cagaccagga	1380
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aatatgacag	ttagctggga	gttataatgc	taacttttga	tttcatattt	tgagacagaa	1560
tcatgaatat	atttcatacc	tgaaaagcag	attaagattt	agttccatat	aagtaagaaa	1620
tgaaattgaa	taagatagtt	ctctagaatt	agttgctgca	gatgacactg	aagattattt	1680
caacatatgt	tccagttgtt	tttgtaacct	tgct			1714

<210> 8094  
 <211> 5260  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (24)...(3277)  
 <223> similar to gi5106521 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8094  
 gggactgtcg gctgcaggcg gccatgceca ccaacttcac cgtgggtgccc gtggaggctc 60  
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 gccccgagcc cgagcgcccc agcccgaggag atggaaatcc aagagaaaac agcccattcc 180  
 tcaacaatgt cgagggtggaa caagagagct tctttgaagg gaagaacatg gcacttttcg 240  
 aggaggagat ggacagtaac cccatggtgt cctcgctgct caacaagctg gccaaactaca 300  
 ccaacctgag ccagggcggtg gtggagcacg aggaggacga ggagagccgg cggcgggagg 360  
 ccaaggctcc gcgcatgggc accttcacg gcgtctacct gccgtgcctg cagaacatcc 420  
 tgggcgctcat cctcttcctg cgctgacgt ggatcggtgg ggtggctggt gtcctggagt 480  
 ccttcctcat cgtggccatg tgctgcacat gtacaatgct gaccgccatt tccatgagt 540  
 cgatcgctac caacgggtgtg gtcccagctg gcgggtccta ctacatgata tcgcgctcgc 600  
 tgggacccga gtttgaggcg gctgtcgccc tctgcttcta cctgggcacg acgtttgcag 660  
 gggccatgta tattttgggg accatcgaga tttttctgac gtacatctcc ccgggtgcgg 720  
 ccattctcca ggcgagggtc gcagggtggcg aggcggccgc catgctgcac aacatgcgtg 780  
 tgtacggcac gtgcacgctc gtgctcatgg ccctgggtggt cttcgtgggc gtcaagtatg 840  
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 gtgtcttctt ggagaacctg tggagtacgt acgcgcacgc gggggcggtt gtggagaaga 1200  
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tgccatgccg	ggctgtgttt	gcagctgtcc	gagtctccat	ccacctttag	aaaaccagcc	4080
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gagtgcgggc	tgctgcccag	agcgtgtccc	agacatcaca	gcggggctca	gcagttccca	4860
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aactacagcc	atttacaatt	gactccgttt	ccttttgtag	gtttccctgt	ctgtctgtgt	5220
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<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (336)...(473)
<223> similar to gi340430 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8095
cttcacagga atggacagcc ttccagagtg agcagaagct gtgaggtgac cccctcttct      60
cagatcaggg ttgtacagtg tcttgggagg ggaggggaga atccttgagc aaaggccact      120
gtaaaagcat ctttttccag cctgggcatc atagcaagac cctgtctcta caaaatgtat      180
atgtatatta tccaggcgtg gtgtcatgcg cctgtcgtcc cagctacttg agaggctgag      240
gagggaggat tgtttgaggc taggagttca cgaccagcct gggccacata gtgagaccct      300
gtttaagtaa ataaataact gtttttcttt ttccagggaa atgttttggg ggatcagggtg      360
acctccgcag gcatgtccgc actcacactg gggagaagcc gtacacatgt gagatctgta      420
acaagtgcct taccgctctt gcggtgctcc ggcggcacaa gaagatgcac tgcaaagctg      480
gtgacgagag cccagatgtg ctggaggagc tcagccaagc catcgagacc tccgacctcg      540
agaaatctca gagctcagac tctttctccc aagacacgtc tgtgacgctg atgccagtgt      600
cggttaaact ccctgtccac ccagtggaaa attctgtggt agaatttgat agccactctg      660
acggctccta ttgtaagtta cgggccatga atccaaccct catggagtta      710

```

```

<210> 8096
<211> 1330
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (30)...(1114)
<223> similar to gil085028 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8096
cccacgcgtc cgggggaaga gcagccaaca tggcggcgga acgcggcgcg gggcagcaac      60
agtcgcagga gatgatggag gttgacaggc gggtcgagtc tgaagaatcc ggcgatgaag      120
aagggaagaa acacagcagt ggcacgtggt cgcacctcag tgaacagagc ctgaaggatg      180
gggaggagcg gggggaggag gacccagaag aagaacatga gctgcctgtg gacatggaaa      240
ccatcaacct ggacagagat gcagaggatg ttgatttgaa tcaactatcg ataggggaaga      300
ttgaaggatt tgagggtact aagaaagtga agactctctg cctccgcaa aatttaatta      360
aatgcattga gaatctggag gagctacaga gtcttcgaga gctggatctt tacgacaacc      420
agatcaagaa gattgagaat ctggaggcgc taacagagct ggagattcta gatatttctt      480
ttaatctgct gagaaacatc gaaggggttg acaagttgac acgactgaaa aaactcttct      540
tggtaacaa taaaatcagt aaaattgaga acttaagcaa cttacatcaa ctacagatgc      600
tagagctggg atctaaccgc atccgggcaa tcgaaaatat cgacacctta accaaccctg      660

```



agagtttgtt	tttggggaaa	aacaaaatta	ctaaacttca	gaacctggat	gcgtcacca	720
acctgacagt	cctcagtatg	cagagcaacc	ggctgaccaa	gatcgagggg	ctgcagaacc	780
tgggtgaacct	gcgggagctg	taccttagcc	acaatggcat	cgagggtcatc	gagggcctgg	840
agaacaataa	caaactcacg	atgttggaca	ttgcatcaaa	tagaatcaaa	aagattgaaa	900
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acccttgca	gaaggacccc	cagtaccggc	ggaagggtcat	gctcgccctc	ccctccgtgc	1080
ggcagatcga	tgccacgttc	gtcaggttct	gagtccttct	tggctcctca	tgtggtcctt	1140
ctcctcggaa	gaactgcca	gccacgggtt	tttaaccac	ctgttgctcc	tgaggtcgtc	1200
actatatcaa	cagtcacaaa	cccaatggca	ataaaggcac	tgacgatagc	tggcgcgcg	1260
gacgccacac	accattttca	gatgccgttg	caattaaatc	ttgccacact	gtcctcctgg	1320
aaaaaaaaa						1330

<210> 8097

<211> 5014

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (255)...(4048)

<223> similar to gi5689423 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8097

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ccttgacagc	ggtgctcgtc	agcctagggc	atcatgatga	agccctggct	gtggcagaaa	180
ggggacggac	aagggcattt	gctgatcttc	tgggtggaac	acaaacagga	caacaagact	240
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<210> 8098
<211> 2114
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(1393)
<223> similar to gil83064 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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2114

<210> 8099  
<211> 1529  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (132)...(1043)  
<223> similar to gi3880929 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 8100  
<211> 7445  
<212> DNA  
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (322)...(2574)
<223> similar to gi2224705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aaaaa						7445

<210> 8101

<211> 2009

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (116)...(1204)

<223> similar to gi292419 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8101

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tctgcatctc	ttcgactact	cagagccagg	gaacttctcg	gacatcagct	ggccatgcaa	180
cagcagcgac	tgcctcgtgg	tggacacggg	gatgtgtccc	aacatgcccc	acaaaagcgt	240
cctgctctac	acgctctcct	tcattttacat	tttcatcttc	gtcatcggca	tgattgccaa	300
ctccgtgggtg	gtctgggtga	atatccaggc	caagaccaca	ggctatgaca	cgcactgcta	360
catcttgaac	ctggccattg	ccgacctgtg	ggttgtcctc	accatcccag	tctgggtgggt	420
cagtctcgtg	cagcacaacc	agtggcccat	gggcgagctc	acgtgcaaag	tcacacacct	480
catcttctcc	atcaacctct	tcggcagcat	tttcttctcc	acgtgcatga	gcgtggaccg	540
ctacctctcc	atcacctact	tcaccaacac	ccccagcagc	aggaagaaga	tggtacgccg	600
tgtcgtctgc	atcctgggtg	ggctgctggc	cttctgctg	tctctgctg	acacctacta	660
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cgttcctctc	tccattatcg	ctgtcttcta	cttctgctg	gccagagcca	tctcggcgctc	840
cagtgaccag	gagaagcaca	gcagccggaa	gatcatcttc	tcctacgtgg	tggtcttctc	900
tgtctgctgg	ctgccttacc	acgtggcggt	gctgctggac	atcttctcca	tcctgcacta	960

catccctttc	acctgccggc	tggagcacgc	cctcttcacg	gccctgcatg	tcacacagtg	1020
cctgtcgtcg	gtgcaactgt	gcgtcaaccc	tgtcctctac	agcttcatca	atcgcaacta	1080
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atagtattgt	aaagttacat	tttaaaataa	acaaaaaact	gttctggact	gcaaactctgc	1920
acacacaacg	aacagttgca	tttcagagag	ttctctcaat	ttgtaagtta	ttttttttta	1980
ataaagattt	ttgtttccta	aaaaaaaaa				2009

<210> 8102

<211> 2670

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (704)...(1148)

<223> similar to gi5912098 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8102

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agaaggcggg	caggatgcca	gtattatgct	cctcggttgg	accaagctaa	ccattcatgt	120
gaaaatccag	aattggcaga	tttggataag	ttgaggtata	ggcattgcct	tacaacactt	180
acagtcccaa	gaagatgtat	aggatttgca	aggaggcgaa	ttggcagagg	tggaagggtc	240
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cgggtgtgtc	cagccttcag	gaacctctaa	aacattatac	tccaccaata	tggtctttatc	780
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ccacttaatc	ccagcattgt	gcacaagcag	tcctcagaca	cttcccatga	acaattcctg	900
cctgacaaat	gcagtgcacc	tcaataatgt	cagtgtttgt	tctccagtca	atgtgcatat	960
caatacacgg	acttcagcac	catcgccaac	agccttaaaa	cttgccacag	ttgctgccag	1020
tatggacaga	gtgccaaagg	ttactcccag	cagtgccatc	agcagcatag	caagagagaa	1080
ccacgaacca	gaaagattgg	gcttaaatgg	aatagcagag	acaacagtag	ctatggaagt	1140



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ctatagtata	ttggatgtta	aatccatata	tgatgtatat	tttgtaaaat	tgggaaaatc	1320
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ctttgatatg	aaagttcgta	agatatttta	cagaatgtaa	gtaatttgca	gtatcgagtg	2580
cattgaaatg	tcataagtga	gcctcatttt	ataaataaaa	gtttagagta	gaatttatatt	2640
gcaagggggg	tttgtcaagt	aagtactggg				2670

<210> 8103

<211> 2424

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2324)...(1052)

<223> similar to gil91986 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8103

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ggcgacaaaa	ccaggcaagc	cctgtgggtca	cgcaggagga	gttgggacca	cgctgcatca	120
gaggaaggct	gtggagtatt	caatgaatgg	aattttaatgt	aactatgaca	taaacacaca	180
caggggtggg	aggacgggtg	accaagcgca	gacgtgggtg	acacgtggcc	ccgtctctctg	240
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gggtcaatac	tgatctggct	gagtgcacgc	atctcgtgac	ccaggctggc	cctgggaagg	360
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<210> 8104

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (274)...(557)

<223> similar to gi4521254 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8104

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gtccctctac	ttttctatca	cttctggagg	tatttccact	gtccagcaga	tagctcagaa	420

ctagcctacg	acccaccggt	ggtcataaat	gccgacactt	tgagttactg	tcagaaggag	480
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tacactttag	tgagctctta	acgcaaagac	catgcacatc	atcagagact	gagatgggag	600
aggcctgaga	cggagagggt	catttctgct	ggtgactgga	ggagggacca	gaatgaggat	660
acgtgagaaa	tagaccggc	aggcagtcag	actgaatggg	agctggaatc	acgcagcagc	720
tgggagccga	gttaaccctg	cgtgtctgtg	tcaccctgtt	tgtcaatctt	tggcattcga	780
attccacaca	cggggtccta	gagcccttct	gagcatcagt	ggtgtggggg	agtaggtgac	840
gaaacactag	acctctcctg	agagagaatt	gctgcttcct	gaatccactt	cattgaacag	900
caccttgcaa	gttcaaatga	gttcctggga	gcggaggctg	gaaggccaca	aggtgcttgc	960
taaggaaacag	aatgacccag	agtcaaggcc	aagtctgcag	ggacctgttg	aaagcctcga	1020
gaatgtcttg	gctgcccaga	actcttggtg	cctttcttcc	aagccatggc	catgcccttt	1080
ttctcaaatg	ggaggggctg	gaggggtgtg	gggatttgtc	ttcagctgca	accagccttg	1140
agcctgctgg	gctattttca	gctgaggagg	ggtgaatata	ggaaaaatgc	atttttgaaa	1200
cgtttgcaac	atgatcaagg	tgtagtttct	ccaccacaca	agttgtattc	ttcttttgcc	1260
acctcaaacc	atcacagagt	ctttaaatgc	aaatcaattg	gtcaatgcta	gtcaaagcta	1320
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gtttggcatt	ctcttttggt	tgggagttat	gctgggggtt	gtaaataatg	acaaggctga	1560
gatttttatg	atgtttaaat	tgggcacaaat	gattttgacc	ttattcccca	aacttctttt	1620
cttttctact	gtttaacata	cacaggctat	ttatacacgt	ccccagctcc	catctgaaac	1680
ctgtgactca	ggtttatgaa	tgggtgttgt	gtagcaaacac	attgtgtgct	atgtttatta	1740
aaatgcagcg	acaacttgaa	aaaaaaaa				1768

<210> 8105

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (149)...(530)

<223> similar to gi4902661 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8105

cgctggcg	gcaggcggca	ggaggcgggt	gggtcaaggt	aactctgggc	tacagagtcc	60
ttgctggggg	ttcggggagc	gcttggaccc	cggcttctgg	gacgcgtcag	gagaaggag	120
cactggcttt	gctttcatca	ggccaaagat	gcctttcttt	gggaatacgt	tcagtccgaa	180
gaagacacct	cctcggaagt	cggcatctct	ctccaacctg	cattcttttg	atcgatcaac	240
ccgggagggtg	gagctgggct	tggaaatcgg	atccccgact	atgaacctgg	cagggcaaag	300
cctgaagttt	gaaaatggcc	agtggatagc	agagacaggg	gttagtgggc	gtgtggaccg	360
gagggagggtt	cagcgcttct	gcaggcggaa	ccagcagttg	gaggaagaga	acaatctctt	420
gcggctgaaa	gtggacatct	tattagacat	gctttcagag	tccactgctg	aatcccactt	480
aatggagaag	gaactggatg	aactgaggat	cagccggaag	agaaaatgaa	gaccccagag	540
acatttattg	gggagtagga	tgtggctgag	tgtttttttt	ttggccagac	tagcggattc	600
agtcctggaa	gagagtatca	tataatgaga	cccacaggca	ctggcaccct	tgggttggca	660
atagaagggtg	acatggaatg	gagaaaacca	agattccaga	tggggatagt	aactagaagg	720
tgcttcagat	gcactgcctg	cgggtgccag	tctgaaaacc	agaccgcaca	gaggcctggg	780
gtgctgatg	agcttttcgg	tgctctccac	acacaagctc	gcaaacacac	atgtcccaga	840

atagctctgt	tgggttgtgt	tgggagaagc	ggctggagtt	cattctctca	cccccttatg	900
ttggtgtttg	gcgtgtgaca	gcagttctac	agagctctgt	gttgggggtca	tggatgagcg	960
gctctcttgg	ctcttaaagg	caggcctctc	tcttcttgcc	tttaaagaat	cctccttcct	1020
cacacctggc	ctcctctggc	ttcagcttct	cagcagcaag	caccagcctt	ccacaacaac	1080
actatatttt	tatgctactt	tcctgtttgc	actactactt	ttttattaaa	cgatgttaaa	1140
taatcaaaaa	aaaaa					1155

<210> 8106  
 <211> 2091  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (24)...(1629)  
 <223> similar to gi4589580 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8106						
gaattccccg	gtcgcagcatt	tcgtcgtcag	tcaaaccggt	tctctgtttg	cactcggcag	60
cacgggcagg	caagtgggtcc	ctaggttcgg	gagcagagca	gcagcgcctc	agtcctggtc	120
ccccagtcce	aagcctcacc	tgccctgccc	gcgccaggat	ggccaccatc	acctgcaccc	180
gcttcacgga	agagtaccag	ctcttcgagg	aattgggcaa	gggagccttc	tcggtgggtgc	240
gaaggtgtgt	gaaggtgctg	gctggccagg	agtatgctgc	caagatcatc	aacacaaaga	300
agctgtcagc	cagagaccat	cagaagctgg	agcgtgaagc	ccgcatctgc	cgctgtctga	360
agcaccceaa	catcgtccga	ctacatgaca	gcattctcaga	ggagggacac	cactacctga	420
tcttcgacct	ggtcactggg	ggggaactgt	ttgaagatat	cgtggcccgg	gagtattaca	480
gtgaggcgga	tgccagtcac	tgtatccagc	acatcctgga	ggctgtgctg	cactgccacc	540
agatgggggt	ggtgcaccgg	gacctgaagc	ctgagaatct	gttgctggcc	tccaagctca	600
agggtgccgc	agtgaagctg	gcagactttg	gcctggccat	agaggtggag	ggggagcagc	660
aggcatgggt	tgggtttgca	gggactcctg	gatatctctc	cccagaagtg	ctgcggaagg	720
accctgacgg	gaagcctgtg	gacctgtggg	cttggtgggg	catcctgtac	atcctgctgg	780
ttgggtaccc	cccggttctg	gatgaggacc	agcaccgcct	gtaccagcag	atcaaagccg	840
gcgcctatga	tttcccatcg	ccggaatggg	acactgtcac	cccggaagcc	aaggatctga	900
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accctgggat	ctcgcaccgc	tccaccgtgg	catcctgcat	gcacagacag	gagaccgtgg	1020
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tggccaccag	gaacttctcc	ggaggggaaga	gtgggggaaa	caagaagagc	gatgggtgtga	1140
agaaaagaaa	gtccagttcc	agcgttcaga	taatggaatc	ctcagagagc	accaacacca	1200
ccatcgagga	tgaagacacc	aaagtgcgga	aacaggaaat	tataaaagtg	acagagcagc	1260
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tctattttga	aaacctgtgg	tcccgggaaca	gcaagcccgt	gcacaccacc	atcctgaatc	1440
cccacatcca	cctgatgggc	gacgagtcag	cctgcatacg	ctacatccgc	atcacgcagt	1500
acctggacgc	tggcggcatc	ccacgcaccg	cccagtcgga	ggagaccctg	gtctggcacc	1560
gccgggacgg	caaattggcag	atcgtccact	tccacagatc	tggggcgccc	tccgtcctgc	1620
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gtggagtgga	gctgctgggt	ctcccagggt	gattttgctg	gaattctccc	atgtcatcac	1740
cccaccaccg	tcacttctgt	acctgcatca	agaaaacctg	cttgttcaca	aaagtcatcg	1800
caacttcaga	gcgaacggcc	acatctcccc	acctctcacc	cccacctct	cccctgccag	1860

gctggggcctt	cctcaggcat	gggtgtccac	agcactggcc	ccctctcccc	agcctcagct	1920
gctgtccgcc	tgatctgtct	tggtctgtag	gctagaatgc	ccgggctggg	gccaccagg	1980
ggctggggag	aaggaggggt	gggatgatga	ggaaggcagc	atccgtccgt	ccctctccca	2040
gacctctcct	cttcagtggt	ccccggggaa	gggcagatga	cactcccttc	c	2091

<210> 8107

<211> 4502

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (350)...(1324)

<223> similar to gi4092671 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8107

catcccgccg	ttgttaaacc	acggggccgtg	aattgaattt	tgggggcccc	ataaaaaaaaa	60
tattcctctg	ccagcccgcg	gcgtataact	tggatccttt	aaaacggccg	cccctttttt	120
tttttttttt	ggaaaataaa	atgtttgttt	gtttgtttgt	tttttcctcc	agctgaattg	180
actggttggt	tgctcggtatg	gacaaaataa	aatgattatt	tcattgtgag	aatacttctt	240
ggacagcttc	tcccattttac	aagccaactc	ttttcagacg	agcttgtaca	cgtacacact	300
ccatccttgg	atatattttct	gtgacaccag	agcagtttcc	atgaaggccc	tgatgcagct	360
gatgaacgac	aagaagctca	tgagcagcct	gcccacttcc	tgcgggatct	tcaaccacct	420
cgagcggctg	ctggacgaag	aaattagcag	agtacggaaa	gacatgtaca	atgacacatt	480
aaatggcagt	acagagaaaa	ggagtgcaga	attgcctgat	gctgtgggac	ctattgttca	540
gttacaagag	aaacttttatg	tgctgttaaa	agaataccca	gattttaatt	ttgttgggag	600
aatccttgga	cctagaggac	ttacagccaa	acaacttgaa	gcagaaaccg	gatgtaaaa	660
catcgctccga	ggcaaaaggct	caatgagggg	taaaaaaaag	gaggagcaaa	atagaggcaa	720
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gaacagagca	gaaatcaa	tgaagagagc	agttgaagaa	gtgaagaaat	tattggtacc	840
tgacgagaa	ggagaagaca	gcctgaagaa	gatgcagctg	atggagcttg	cgattctgaa	900
tggcacctac	agagatgcc	acattaaatc	actagccctt	gccttttctc	ttgcagcaac	960
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tgagtatcct	attgaacct	gtggtgtatt	aggtgcggtg	gctactaaag	ttcgaaggca	1260
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aaataacaaa	actgcaacac	tattttttaa	aagataaata	tctgagttaa	aattactgaa	2040
tctttatttt	acacctaaaa	aaatatgaga	acaaggtaca	tgcattatgt	gtcacattac	2100
tgggcaaact	gttcaagtat	ttttttttaa	acctccctgt	atagaaaaaa	atcattaagg	2160
atgtaaaagc	catgcttgcc	tatttgctgt	atacatgtaa	tgaaattgta	gataaagtgt	2220
agtgcattga	aacaaatgaa	caaaaagtag	atactttttac	tatacaaggg	tgctggtgca	2280
gaaaaaaata	tatatatttt	tggaaatgta	gcatttttata	ctttcaagtg	ttataaaaaa	2340
aaaagaaaaa	gaacaaagaa	acccttttatt	tcattaaatg	attttttctg	gtggttgtca	2400
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aagtctaaag	aaaagaaagt	gccttatttt	ccttcattgt	tcattcaagt	caagtgtctc	2520
ataaagatca	gctcctccct	tcagaataca	agttaatgca	tgttactcag	tcgcccagta	2580
tgtgaaagaa	gatatgaggg	agacaaatga	gttgatagtt	tgaattatag	gattttttgcc	2640
acgttacctt	gatgcaaatt	tgccaaatct	gatactgtga	aaagatttga	taacttttct	2700
aatgcctgac	tagtaagttt	taaaacatca	ttcttttaaaa	gaatagttta	atactttttg	2760
ttattccaat	cttcaatggt	aacccaaagg	attctgagat	aaaaattatg	tgtcatctaa	2820
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ttgattttgt	tttttgtttt	taattaattg	aatataatag	gataacctagc	aaatgttttc	2940
acaaaagtga	atcctttgtga	ttttcattct	agaaaacaat	gttttaaatc	acccaaattt	3000
aatcacatgt	ctttatatca	taccagataa	ctggtgtagt	gtatcctttt	actgtttcaa	3060
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ccgccagct	tatcaactcg	tccctcttc	cacaccttc	cagcatcaca	gtcagaggtc	3360
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actatgttat	acctggacat	tttagatgtt	tatcaaaggt	cttttatggg	gaagaaagta	3720
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gaaaacttgg	ttgacaaaat	tttgatcaa	ctgaaaaaag	catgactttt	gaaatctctg	3840
aatgccttgg	ttctcagtat	tatcattctt	tattgaattt	atttcttatt	aaaatatgta	3900
gtttttaaga	ctttttttct	gacagtatta	tgtaattttt	tagcgtgggt	agatgggagt	3960
gtcgcttgta	tgttatcgta	cagctgacat	gtatttttgt	ctattcttta	ttatcttagt	4020
ttcatgctat	gtagtacc	taaccaacct	attgcctatg	agaaacatgt	aagataatgt	4080
atttacagcc	attgttacaa	gtttataatg	tatttttcta	tcttgtttta	tatgtatggt	4140
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acaattttga	taactgaaaa	ttgccaatg	ttttgcagta	ctttattata	ttgggtgtct	4260
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acaggcatta	ttttaataaa	tgttataata	ccaacctact	aactctggac	tttgtctggt	4440
tattaacctt	tatatgttta	attaaaataa	ccaaataaag	ccaaaagaat	gtaaaaaaa	4500
aa						4502

<210> 8108

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (991)...(352)

<223> similar to gi436001 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8108
tccccctccccg cccctcttta aaaagcggcc cggggaatta acttttgggg cccccaaaaa 60
aaagacattc gttgcacccc cgcgggataa aaaattggtt ctcttaaaac gggggccccc 120
tttttttttt tttgatataa aacagcttta tttgagggtc ctagtctgtg aggggtggac 180
agataaaaaga ggtattttgtg atagggcatg aagaccttaa gaccctgagg gtgctgtgaa 240
cagggaaacag tctgatatct ggaaccaaag ggcaaggaaa ggtcctgggg ctgaagtggg 300
gacaaggggc accaaaaagc cagtgggggc aggtggtgct ggccaaggtc agaggctgat 360
gcaacaggcc ctcttctccc cagggccagg ctctgtcca gcctgggcac tgcccagagt 420
gatggcattg gtccggatgc tgttctgtct ctgcttgac accttcgcaa agatttcttt 480
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gagcagtcca ttgttttcag cgaacattcg ggctcctca gtgggcactt cccgggcctg 600
gctgaggtca cttttgttac ccacgagcat gacgacgac gtggcttcag catggtcata 660
gagctccttc agccatcgct ccaccacagc ataggtctgg tgcctgggta ggtcaaacac 720
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gccagctgtg tcccagatct gagccttgac agcagcgggt cccaacatca cagtgcgggt 840
ggagaactca accccgatgg tggcgcggt gtcgtggctg aactcattgc gcgtgaatcg 900
ggagagtaga ttggctcttc ccacacctga ttcgccgatc agcaccacct tgaagacaaa 960
gttataatct tcctcagttc cattcccat cttggctccg catggagggt gcagggtgtct 1020
tcggggacag aggcgacaaa tctgtgtgtt ggctcaatgc cctcaaccct cagctctcaa 1080
aagatctggt cctgcccctc ctctcattgg gggtaagggg acttctgcag ccagagggat 1140
tgggggccaa ctcaaggttt aggcagggcc tagggaggat cagctctggc aggtgggggt 1200
gctgtaagga agcagaggtc gacc 1224
```

<210> 8109

<211> 1334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (164)...(739)

<223> similar to gi292427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8109
aatgagactg tatggactgc ttacgccaa gcttgacaga gggcccgag ccgctgccgc 60
cgccccagc tccccgcct cggggagggc accaggtcac tgcagccaga ggggtccaga 120
agagagagga ggcactgcct cactacagc aactgcaccc acgatgcaga gcatcaagtg 180
cgtggtggtg ggtgatgggg ctgtgggcaa gacgtgcctg ctcatctgct acacaactaa 240
cgctttcccc aaagagtaca tccccaccgt gttcgacaat tacagcgcgc agagcgcagt 300
tgacgggcgc acagtgaacc tgaacctgtg ggacactgcg ggccaggagg agtatgaccg 360
cctccgtaca ctctcctacc ctgagaccaa cgttttcgtc atctgtttct ccattgccag 420
tccgcgctcc tatgagaacg tgcggcacia gtggcatcca gaggtgtgcc accatgccc 480
tgatgtgccc atcctgctgg tgggcaccaa gaaggacctg agagccagc ctgacacct 540
acggcgctc aaggagcagg gccaggcgcc catcacaccg cagcagggcc aggcactggc 600
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caagcagatc	cacgctgtgc	gctacctega	atgctcagcc	ctgcaacagg	atgggtgtcaa	660
ggaagtgttc	gccgaggctg	tccgggctgt	gctcaacccc	acgccgatca	agcgtgggcg	720
gtcctgcatc	ctcttgtgac	cctggcactt	ggcttggagg	ctgcccctgc	cctcccccca	780
ccagttgtgc	cttgggtgct	tgtccgcctc	agctgtgcct	taaggactaa	ttctggcacc	840
cctttccagg	gggttccctg	aatgcctttt	tctctgagtg	cctttttctc	cttaaggagg	900
cctgcagaga	aaggggcttt	gggctctgcc	cccctctgct	tgggaacact	gggtattctc	960
atgagctcat	ccaagccaag	gttggacccc	tccccaagag	gccaaccag	tgccccctcc	1020
cattttccgc	tactgaccag	ttcatccagc	tttccacaca	gttggtgctg	cctattgtgg	1080
tgccgcctca	ggttaggggc	tctcagccat	ctctaacctc	tgccctcgct	gctcttgga	1140
ttgcgcccc	aagatgctct	ctcccttctc	caatgaggga	gccacagaat	cctgagaagg	1200
tgaatgtgcc	ctaacctgct	cctctgtgcc	taggccttac	gcatttgctg	actgactcag	1260
ccccatgct	tctggggacc	tttctaccc	ccatcagcat	caataaaacc	tcctgtctcc	1320
agtgaaaaaa	aaaa					1334

<210> 8110

<211> 2821

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2337)...(287)

<223> similar to gi458888 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8110

ggggagggga	gggggagaga	aggggaaggg	aagaaggtgg	ggaggcagtg	ggccccctgg	60
gacgactccc	cattcccttc	ccttggaattc	ttctccttac	tcaattttcc	ctagacctaa	120
aaacagtttg	gcagaagaca	tgtttaataa	cattttcata	tttaaaaaat	acagcaacaa	180
ttctctatct	gtccaccatc	ttgccttgcc	cttccctggg	ctgaggcaga	caaaggaag	240
gtaatgaggt	tagggcccc	aggcgggcta	agtgtatttg	gcctgtcct	gctcaaagag	300
agccatagcc	agctgggcac	ggccccctag	cccctccagg	ttgctgaggc	ggcagcggtg	360
gtagagttct	tcactgagcc	gtgggctgca	gtctcgcagg	gagaacttct	gcaccagccc	420
tggctctacg	gcccgaagaa	ggtggagccc	tgagaaccgg	aggaaaacat	ccatcacctc	480
cagccccctc	agggcttctc	cctcttctctg	gcctgccagt	tcacctgcca	gccgggctcg	540
ggccgccagg	tagtcagcgt	tgtagaagca	gccctccgca	gaagcctgcc	ggtcaaattct	600
ccccctata	ggagcccccc	gggaggggtc	agcaccagga	ggggaggggg	ggtcagggcc	660
agcccccggg	ggccctgggg	gtgatctctg	tggtgacagg	gcaggattga	actcctggaa	720
atggactgga	aagaaggcct	gccagccaga	gatggcattc	atgcgacagc	ggttgaggac	780
ttcgggcccc	ggccttgtcc	acacggtggt	aaggaagaag	agagtgtcca	caggggtgctt	840
cttcgagacc	acgtccatga	gtcgcacctg	ggaagggggc	tctgtctgca	cagcgagcca	900
ggccagcctc	gtcccagggt	accgtcgctc	taactccgct	gctgcagcct	tcaccccaag	960
aaatgggtct	ggagctccac	ggccaccttc	tcgtggcccc	tagaccagca	acaggggtgag	1020
caatgcatgt	tctcgtggct	ccaggacatt	ggctgcaaac	gcctcgagga	aagccggggc	1080
tgacgagct	tcagccacca	ggagtggcag	caccagctgc	actcgggtgg	cctcagtgac	1140
atagggcata	ggtaggattt	ccaccgggct	cagtggccgc	agcaggctga	ccctgcgagc	1200
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catgccccgt	gctgggtcga	agcgccgata	gccgttgagc	agtcgctgct	tctggaagcg	1320
caggcggggc	tgatagcgcc	gattgagctg	ctccagggca	gtctccaacg	catcaccac	1380
gtccgcctcg	ctagccccct	gtagtgggca	cttggggagcc	ccatctgcac	aggagaaggt	1440



gtgctgctct	gtgaagtagt	cccagcccag	cacctcaaag	cgagagtgtg	gtgtgaaagg	1500
agcaggggagc	ccaacggggcc	agctcagccc	tgcctccccct	tcgggggtca	gcacggtcag	1560
gttccggatc	tgagcctgca	gttgttctat	ttcactgtaa	gcccgtcca	actccagagc	1620
gctgaagcgt	ttgtggagcc	ggtacatgag	ggtaccttcg	gagacagggt	gcacggcgaa	1680
ggcactcagg	aaagccgagc	tcccttcctt	ctcagggtcc	ctatTTTTTg	ccagttcaaa	1740
tgagcgatac	tgctgcccct	ggtgctgtga	gacacagccg	acgcccagag	agtcaatgag	1800
gcagcgcca	agccactcgt	caggacgggc	actgagaatg	tctcctcggc	agccatccag	1860
atgtggccgc	agacgaagca	ggagactccg	tgacaacagg	tagccaaagc	ccccatgaca	1920
gtaccggggcc	tgctcgccctg	cgccaatgaa	ctcctctgcc	cggcctaagt	acaggtcttg	1980
gttgatgctg	aggtggccag	caagggctgc	caggcggggg	gcctgcacat	atgtgtcatc	2040
ctgcatgatg	aagaaccagt	cgtagtcggc	cccaaagtgt	gtgtgaagg	ggcgagggt	2100
ctctgacatg	agccaggcgg	gccgctcatc	cccatgagac	accacctgca	tccctgctgg	2160
agcccgggcc	ccccgctgcc	cagtgaagta	gagtaaccga	gggaagtgat	gggccaccgt	2220
acggttcaca	gccacggcca	aagtggacag	tgtagctcgg	gaggtcagga	cagccaccag	2280
caaccgctca	cgggagccca	gctctgtctg	gatgtaccga	gtcctgagca	ccttcttcta	2340
gggcttggtg	gggtccctgt	agtaggggac	aatccggggg	ttgaagtctt	catcactttg	2400
gtctagccga	gctctcgaat	ctggattctg	tggccctcct	cgctccccta	cagcctcgac	2460
acagggatct	tctccctccc	cctggatcca	ggaaaccgcg	aggaggctca	ggctgcaccc	2520
cagagacagc	cctaagatga	ggggaagcgc	tggccgcagc	agagccaaca	gggagctcag	2580
tcgcatgggtg	gtaggccctg	ccaggtgggt	gccccagggg	cacagcctca	aggatcaatg	2640
gattgatggg	caccaggcca	gtagtaggct	ttcagtttta	accagagaac	ctgggggtcaa	2700
tgaggccaaa	gacagagcaa	ggcccgtgg	cttcaggac	cagcatcccc	aagaagattg	2760
tcctgtcttc	acaactcctt	ctgctgtctc	ttcaactgtg	aaggtgtcgg	aactaaccct	2820
c						2821

<210> 8111

<211> 1613

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1307)...(1005)

<223> similar to gi4886473 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8111

TTTTTTTTTT	ttccatcaac	aggtttcaag	cagtctttac	ttgggtttta	aaacagtgtc	60
tcatgcattt	acaataagtt	attacagaac	tctaagtcac	tgatgcacac	acaaaagcta	120
aaccctaactt	actaactatg	cagacctctc	ctgatctccc	caggctgggc	agtaattagt	180
accttacagg	tgtgatccat	ggcccagaga	aggcagccac	tgtcagttac	agttggactg	240
ctgcatcaca	gtggaggcag	cagagttgaa	gatccacaga	gggctgtaat	acagcccaga	300
aaagacaatg	gagagtgaag	gctagaaaca	ttgaggaagg	ggtcaagaag	cacttgtaact	360
tcctgttatc	ttttccaata	gaatattcct	gcaagttacc	catcagaaaa	aggtgttcag	420
agggtttgaa	aaagaagtgg	ttagcccatg	ccagtgaagg	tgacaaaaaa	caaaacaact	480
tgatttttgg	tcatatcaga	aaggatggag	ggaaacaccc	aagtacatgc	atggacacaa	540
gtgctccagc	caaaggagtg	ctgttttcac	cagccacaaa	ttttctaaca	gcaacaacaa	600
aaaccacag	atgtaagtaa	catggaagtg	gatcagtcct	aagccaaata	aggattccca	660
cctgggggcaa	aagctgactt	cctaggacat	gaactgaaca	catcacagta	aaagcccagt	720
agaggctgct	gccagttcca	gctattagta	attatgaggg	ggacaggatg	acacctcaca	780

cggaccaccc	ctagcaagag	ggtttgtttc	agttctagct	gtgagaggaa	tgtctgcagt	840
tcccacaggt	gtgccatgct	gtgaagccca	tggccctgc	tcctctctct	gcctcccaca	900
cacttaacag	tacacacaga	ctttgctggc	aagtgtctgt	tgttcctgca	ctgctatact	960
atacgactgc	aggacaatgc	catccgctcc	atggttcatt	cagcgccttg	tccaaggta	1020
gttggtggag	agcaggacca	cgttggtgcag	caagagagac	agctcagctt	ctttcaggct	1080
gcaggaaatc	tgcagccatt	ctcccagcca	agttcgacac	ctatcttcac	caatatgcgt	1140
agaattcagg	ccacggagat	aacaagccga	ttttacttcc	tgagcagtca	gctggccaat	1200
ccccagcttt	gccaaagcct	tgtccagttg	gtgaatcaca	gttgatagag	tcttcaaacg	1260
atgtctcaac	aagggaggag	gcaggttaaga	tgtgagaagc	atggcccggc	tcaaggcttt	1320
ctttcatgaa	gatttgtgtac	aggacataga	agcgggggaa	atgacgaccc	aagaaacgat	1380
ggtatttccc	attaatcgct	tttgtcttgg	ttaccacata	agacatcaag	ttcttcacat	1440
ctgccttttg	agaaaggtga	agctttgaag	accgaggggc	cccccaagcc	aggccagagc	1500
gaccaagttg	cagcctccgg	gtgacaaaat	gtccaggggt	gactgccgag	ccccacacag	1560
ccgaccgagc	ccagcacacc	ctggagagcg	ccatcttcac	agcgagagaa	gcg	1613

<210> 8112

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (61)...(793)

<223> similar to gi3805810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8112

tttcgttggg	cccgctccctg	aggtatgaaa	gccccctgct	ctggctctgg	ttcagttctca	60
atggggggcac	tggggctgga	gggcaggggt	gggaggctcc	aggggagggg	ttccctcctg	120
ctagctgttg	caggagccac	ttctctgggtg	accttggtgc	tggcggtgcc	tatcactgtc	180
ctggctgtgc	tggccttagt	gccccaggat	cagggaggac	tggtaacgga	gacggccgac	240
cccggggcac	aggcccagca	aggactgggg	tttcagaagc	tgccagagga	ggagccagaa	300
acagatctca	gccccgggct	cccagctgcc	cacctcatag	gcgctccgct	gaaggggcag	360
gggctaggct	gggagacgac	gaaggaacag	gcgtttctga	cgagcgggac	gcagttctcg	420
gacgccgagg	ggctggcgct	cccgcaggac	ggcctctatt	acctctactg	tctcgtcggc	480
taccggggcc	gggcgcccc	tggcggcggg	gacccccagg	gccgctcggg	cacgctgcgc	540
agctctctgt	accgggcggg	gggcgcctac	gggccgggca	ctcccagagct	gctgctcgag	600
ggcgccgaga	cggtgactcc	agtgtctggac	ccggccagga	gacaagggta	cgggcctctc	660
tggtagacga	gcgtgggggt	cggcggcctg	gtgcagctcc	ggaggggcca	gaggggtgtac	720
gtcaacatca	gtcaccgccga	tatggtggac	ttcgcgagag	ggaagacctt	ctttggggcc	780
gtgatggtgg	ggtgagggaa	tatgagtgcg	tggtgcgagt	gcgtgaatat	tgggggccccg	840
gacgcccagg	accccatggc	agtgggaaaa	atgtaggaga	ctgtttggaa	attgattttg	900
aacctgatga	aaataaagaa	tggaaagctt	cagtgtctgcc	gaccaaaaaa	aaaa	954

<210> 8113

<211> 2044

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (228)...(1477)  
 <223> similar to gi4678412 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8113
ccgccaggtg gaacggcagg tgggttcagg taccagcctg gccgggaccc ggctgtggga      60
ccaacgcttc cggtgagcga cagaggcagc tccccagggc ctggagaccc gtggggcgga      120
ctctgggata tgagcctatc gccctggcct ggagccccc tttgtacctt tccccattc      180
ccctaccgag ctgggcagtt agccagccca ctccaactct cggaaccatg tttgcagact      240
tggattatga catcgaagag gataaactcg gaatcccgac tgtgcctggg aaggtgaccc      300
tgcagaagga tgctcagaac ctgatcggga tcagcattgg aggaggggcc cagtactgtc      360
cctgcctcta tatcgtccag gtatttgaca acacccagc agccttggac ggcacagtgg      420
cagctggcga tgagatcacc ggtgtcaatg gcaggtcaat caaagggaaa actaaggtgg      480
aggtggcgaa gatgattcag gaggtgaagg gggaggtgac catccactac aacaagctgc      540
aggcggaccc caagcagggc atgtccctgg acatttgtgt gaagaaagtc aagcaccggc      600
tgggtggagaa catgagttca gggaccgcag atgtctctgg cctgagccgg gccatcctgt      660
gcaatgatgg gcttgtcaag aggctagagg agctggagcg gaccgctgag ctatacaaag      720
ggatgacgga acacaccaag aacctcctac gggcctttta tgagctgtcg cagactcacc      780
gggccttttg ggacgtgttc tccgtgatcg ggggtgcggga gcccagcca gctgcgagcg      840
aggcttttgt gaagttcgcc gatgccacc gcagcatcga gaagttcggc attcggcttc      900
tgaaaaccat caagccgatg ctgacggatc tgaacacgta cctcaacaaa gccatcccgg      960
acactgcctt caccatcaag aagtacctgg acgtgaagtt tgagtacctg tcgtactgcc     1020
tgaaggtgaa ggagatggat gacgaggaat acagctgcat tgccctaggc gagccccctt     1080
accgggtgag caccggcaac tatgagtacc gcctgatcct gcgctgccgc caggaggcgc     1140
gcgcccgcct ctcccagatg cgcaaggatg tgctggagaa gatggagctg ctggaccaga     1200
agcacgtcca ggacatcgtg ttccagctgc agcgcctcgt gtccaccatg tccaagtact     1260
acaacgactg ctacgcagtg ctgcgggatg ccgacgtctt ccccatcgag gtagacctgg     1320
cgcacaccac attggcctat ggcctcaacc aggaggagtt cacagatggg gaggaggagg     1380
aggaggagga agacaggca gctggggagc cgtccaggga tacacgaggg gctgctgggc     1440
ccttggacaa ggggtggaagc tgggtgtgact cctgagtgcc ccgcggctgt ggtgccgggg     1500
gcagggtgcg tgggaggacg gagcctggga gcggggcggg gccgccgcgc aagggggcga     1560
cgcataaagg cctgctggct tggggcgctt gcctccctgc tcctctgtcc tcgcacagcg     1620
aacctgggct cctgccagg acaggcacca gggatcatggc ctgggacctg gacactggcc     1680
cctccaccct cctcccccct ccggctcccc ggccagaggg agagcttggg ctctggacct     1740
gccttaggaa ggagagggag ggcaggaagg aaaagaaagg acttgagggt ggcaggagtc     1800
cgagccctgc tccttgtggg cgctcacact gcccccgag cctgctggga gtggggccag     1860
ccgtggacag ctgaggttgg ggtcaatgcc tcctgggcac ccttgctcgc ccccagaccg     1920
gcccgtccag tccccatcac acctcggcgg cctttattta ttctgttccc ccagctcggc     1980
cacttctctg aaggagggct gggttctggg cctgtatcga ataaacacaa acctggatgg     2040
cgca
2044

```

<210> 8114  
 <211> 1606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (472)...(1073)  
 <223> similar to gi4877582 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8114  
 tcctctgcgt gcgatccccg ggcggcggcg ggcggcacag cgctccgccg gagctgcgcg 60  
 cgcggaactcg ccgggagtg ggggtctccg tgggtgccag ccgcttctgg agaccctccg 120  
 cctcctgccg acccctgctc ttccaggctc ggccccgggg ttctgcggct gttagggaca 180  
 gaggcaaaga agggcaggac ggtccgggtt cccgtggatg ttcccgcgcg agaaagacag 240  
 caagttgtgt gtgcgcccgg gacgcgggag ggaaggtagc cgccgcccgc cagccatgga 300  
 ccatcatctt tagtgacag gatggaaagt tgatgccag taagactgaa gatccattct 360  
 gcattacgga actgtggatt atctgtgggt ccctgggtgat ttcacacctt cattcactcc 420  
 tgcagtccct gaacacttac ttgggggtcc cattgcccta tctggtgaaa gatggcatcc 480  
 agcctgactt gtactggagt aatctgggct ttgctgtctt ttctttgtgc tgccacctcc 540  
 tgcgtggggg tctttatgcc ttactggctc tggggatcac agctgggcaa gcctgtgtcc 600  
 ttcggtacct tccggagggt ctcatatcct gtgcatgatg agagtccgca gatgatgggtg 660  
 atgggtggagg aatgtgggct ctatgcctcc ttccagggca tcccagcgcc agaattggagg 720  
 atctgcacca tagtgaccgg cctgggttgt ggcctcctcc tctgggtggc gctcactgcc 780  
 ctcatggggt gctgtgtttc cgacctcatc tccaggacag tgggaagagt ggctggagga 840  
 attcagtttc ttgggggctt gttgattggt gctggctgtg ccctctacct ctggggctgg 900  
 gacagtgagg aagtcgggca gacttgtggc tacacttctg gccagtttga cctggggaag 960  
 tgtgaaatcg gctgggccta ctactgcacg ggagcaggtg ccactgccgc catgctgctg 1020  
 tgcacgtggc tggcttgctt ttcgggcaag aaacagaagc actaccata ctgagatgga 1080  
 gctaccaaga gcagacagag gagaagatgg gccaaagggg cttggagagg tcaaaacatc 1140  
 cacctacctt caaaagggtg gatagtagtt gtgatccaat acaatgctaa taaaatgaaa 1200  
 cccgataaaa tcagggccat gatataggaa ggaaggtttg taggagattt gtgggggaaa 1260  
 aaaaaaagga gagtatagaa tgatggagaa aaatggacca aaggctaaaa atattgcagg 1320  
 gcatcgggtg tttctattcc acagagtatt gttaatgtac aacacacaca cacacacaca 1380  
 cacacacaca cacacacaca cacaacaaat ctacatatac aaacaagggt ttgggtttta 1440  
 gttttttttt ttttaaggta ggactcagaa aatccaaagg gctagtagaa acagtgttta 1500  
 tgttgggaag cagggttacc cccaatagat ggtttccctg ttaggtccac gggcactccc 1560  
 caaaagcaca caagcacata cagacatatg cttccccac acacgt 1606

<210> 8115  
 <211> 960  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (869)...(365)  
 <223> similar to gi2246401 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8115
ttttttttttt ttaaaattct aataaaataa atatttttatt aacgaaagtc tggaaaatgt      60
gtgcactaaa aagtgactat aaatgttaaa ttaaaaaacc ttcaaagaac acatatcaca      120
cattcaattt ttaaaacttt atataaaagc tctattataa atacaaagct aaactatctg      180
agtactaaca acacagttca taaaaagaaa cttaacagta gtaaaatata gatataataag      240
atgcttattt ttggtccttt aggataaaag aactaagttg gtttttttca catgggtcca      300
ggcacaaaaa tagaatataa gatggtaact gcaacattct tagtgtttat ccttgtaatt      360
ctttaaatgt caccagtcac aatagcaatg aactcctctt ggtttatttc tccatcacca      420
tctttgtcaa attcttctat catagctcga agttcttcat cactcatggt ttcacccaat      480
tctctagcaa cacgtcgcaa attcctcaag cttattttac ctgaatcatc atcatcaaatt      540
agtttaaagt ccttgagtat ttcttcatgg ggatctcttt ccaatatcca gtctgtcaca      600
acttcattaa aatcttcaaa ggtgattttc cctgtggctt ctctgtcata atctttaaga      660
atcttcagta catcagcttt tttacatca aaccccaagg ctctcattgc cacctttaat      720
tcatgataat ctattgcttc atctttgtct gtatcaaata gttcaaaagc atctttaatt      780
tcttgtttct gttcctcaga cagttctctt ctttttttcc tctttgtttt gtccactaca      840
agctcacttc tcagagctaa actcattatc tcttcgcaca gagacgttcc tctcaagaac      900
gattttaacc ccctacccaa ggagcaaga cgccacagc cggtcaaccg gacgcgtggg      960

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<210> 8116

<211> 2410

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (180)...(2038)

<223> similar to gi1684833 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8116
tttcgtgctc agcagacacc aggccttccg ggcaggcctg gccaccgtg ggcctcagag      60
ctgctgctgg ggcattcaga accggtcttc cattggcatt gggaccagag accccgcaag      120
tggcctgttt gcctggacat ccacctgtac gtccccaggt ttcgggaggc ccaggggcca      180
tgccagaccc cgcggcgcac ctgcccttct tctacggcag catctcgcgt gccgaggccg      240
aggagcacct gaagctggcg ggcattggcg acgggctctt cctgctgcgc cagtgcctgc      300
gctcgctggg cggctatgtg ctgtcgtcgt tgcacgatgt gcgcttcac cactttccca      360
tcgagcgcca gctcaacggc acctacgcca ttgccggcgg caaagcgcac tgtggaccgg      420
cagagctctg cgagttctac tcgcgcgacc ccgacgggct gccctgcaac ctgcgcaagc      480
cgtgcaaccg gccgtcgggc ctcgagccgc agccgggggt cttcgactgc ctgcgagacg      540
ccatggtgcg tgactacgtg cgccagacgt ggaagctgga gggcgaggcc ctggagcagg      600
ccatcatcag ccaggccccg caggtggaga agctcattgc tacgacggcc cacgagcgga      660
tgccctggta ccacagcagc ctgacgcgtg aggaggccga gcgcaaactt tactctgggg      720
cgcagaccga cggcaagttc ctgctgaggc cgcggaagga gcagggcaca tacgccctgt      780
ccctcatcta tgggaagacg gtgtaccact acctcatcag ccaagacaag gcgggcaagt      840
actgcattcc cgagggcacc aagtttgaca cgctctggca gctggtggag tatctgaagc      900
tgaaggcgga cgggctcatc tactgectga aggaggcctg cccaacagc agtgccagca      960
acgcctcagg ggctgctgct cccacactcc cagcccaccc atccacgttg actcatctc      1020
agagacgaat cgacaccctc aactcagatg gataacccc tgagccagca cgcataacgt      1080
cccagacaa accgcggccg atgccatgg acacgagcgt gtatgagagc ccctacagcg      1140
accagagga gctcaaggac aagaagctct tctgaagcgc cgataacctc etcatagctg      1200

```

acattgaact	tggctgcggc	aactttggct	cagtgcgcca	gggctgtac	cgcatgcgca	1260
agaagcagat	cgacgtggcc	atcaaggtgc	tgaagcaggg	cacggagaag	gcagacacgg	1320
aagagatgat	gcgcgaggcg	cagatcatgc	accagctgga	caaccctac	atcgtgcggc	1380
tcatgtggct	ctgccaggcc	gaggccctca	tgctgggtcat	ggagatggct	gggggcgggc	1440
cgctgcacaa	gttcctggtc	ggcaagaggg	aggagatccc	tgtgagcaat	gtggccgagc	1500
tgctgcacca	ggtgtccatg	gggatgaagt	acctggagga	gaagaacttt	gtgcaccgtg	1560
acctggcggc	ccgcaacgtc	ctgctggtta	accggcacta	cgccaagatc	agcgactttg	1620
gcctctccaa	agcactgggt	gccgacgaca	gctactacac	tgcccgtca	gcagggaagt	1680
ggccgctcaa	gtggtacgca	cccgaatgca	tcaacttccg	caagttctcc	agccgcagcg	1740
atgtctggag	ctatggggctc	accatgtggg	aggccttgct	ctacggccag	aagccctaca	1800
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gagggccctg	agctgagggc	attgcttaca	cggatgcctt	ccccctgggc	ctgacattgg	2340
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gaaaaaaaa						2410

<210> 8117

<211> 1828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1829)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1549)...(738)

<223> similar to gi3874821 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8117

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ttttcagttt	tttttctcag	ggatattttt	caactttcac	tttaattttc	tttagttgct	180
tagttgtaca	ttttgagaag	gcaaattccat	tggaaacttg	ggaggcttag	aacataaatc	240
agtattagaa	gtaaagggaa	cacacagcta	aaagttttac	tttaatcaca	aattcacac	300
tagagatatc	atttgcatat	cttagaacgc	taaagacctg	ttaaaatttt	ttaaccaatc	360
agcaaaaata	tgtgccccac	agattttctaa	tgttcataat	ttagaattta	tcacatataa	420
tattttattaa	tagttttatt	gcaaaattat	tattcttaaa	acacttcttt	ccaacacatt	480
tacaatgttc	atgtgtttta	aagaaaaaaaa	ccacctcat	ttaaaaatgt	actactgact	540
ttaatgtgtg	gttataccag	tgccaccaaa	ttagaaaaga	aaaagaaaca	tacagctgta	600
ttggatatgt	agttactact	acaaataatg	acaacacacg	tcctatacaa	agatcatatt	660

cacgcttttc	taccacttct	cagtcattgt	cagaaccatt	tggaggtaag	aaaaccaatg	720
catcattgaa	aatatggccc	aaatgcccta	aggcgggtata	ccccatacat	catcacatgc	780
atctgatttg	gagtcagtcc	attaaaagta	acagccatat	ctgaacaaca	gccttctact	840
acctggttgg	ggtgataagt	cattgcctct	ttaatagaaa	gccaacaga	tttgggtatta	900
aatacatctt	ttccatcagc	atcttctgca	ttttctgcaa	atactccagc	atatttcagg	960
caaactgcta	gctgtttatc	ttcagatata	ttccaaatca	tccctccctg	ttcaggacac	1020
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cctccttcca	taccacata	ttcaaggctc	ccagatttta	tagtgtggcc	tagatagaaa	1140
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gtggggcggtg	caaggaagaa	ccagttgtat	tgggtctctat	acttatcaaa	ggcgtatttg	1260
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ctcttactga	gctccatgcg	ctcatcctct	gaaattttca	agatatcttc	tttgtagga	1500
gcttgtaggt	gatgatgctc	atggtggtgc	attctatttc	catgaccaat	cctaattgtgt	1560
cctagcatag	tgatcaaagc	acagaaaatg	cttccaagca	tcacaccctt	caaaaaggag	1620
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gcgtccgcgg	acgcgtgggt	cggccccgtn	nttcnnnnc	ngngnaactg	tnctgcnccc	1800
catttcccgg	ggggagnnna	gaccagcg				1828

<210> 8118

<211> 1597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (159)...(1102)

<223> similar to gi4050050 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8118

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cttgacgtcc	cgggcctgtg	ggcccgtttt	ctgccgagat	gccgaaggtc	aagtcggggg	180
ccatcggccg	cgcgcgcggg	cggcaggagc	agcgcgggga	gctgaagagc	gctggaggac	240
tcatgttcaa	cacggggatt	gggcagcaca	ttttgaaaaa	tcctctcatt	attaacagca	300
ttatcgataa	ggctgcctta	agaccaactg	atgtagtgct	ggaagttgga	cctggaactg	360
gcaacatgac	tgtaaagttg	ttagaaaagg	caaaaaaggt	tgttgcttgt	gaacttgacc	420
caaggctagt	agctgaactt	cacaaaagag	ttcagggcac	gcctgtggcc	agcaaacttc	480
aagtactgggt	gggtgatgtg	ctgaaaacag	atctgccatt	ctttgatact	tgtgtggcaa	540
atttgccctta	tcagatctct	tcaccttttg	tcttcaagct	gttgctacat	cgaccttttt	600
tcaggtgtgc	tatacttatg	tttcaaagag	aatttgccct	ccgactgggt	gcaaaacctg	660
gagataagtt	atactgcaga	ctctcaatta	atacacagct	gttggcacgt	gtggaccatc	720
taatgaaagt	gggaaagaat	aacttcagac	caccgcccaa	ggtggaatcc	agtgttgtaa	780
ggatagaacc	taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	840
ggataaacctt	tgtaggaaa	aacaagacac	tctctgtgc	atttaaataca	agtgcagtgc	900
aacaactctt	ggaaaaaaac	tacagaattc	actgttctagt	ccataatatt	ataataccag	960
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aacgggccccg	ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	1080
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tgaattttgt	attttttgta	tttgagaaga	taatgctttt	gctttactga	gacattattt	1200
acttgactat	ttttggttca	atactactac	tggtgtcacc	atttatgatt	ctgaatttta	1260
aagttggaaa	gttctaagta	tcaaagtttt	taatataata	tgctgggtcca	atctattcat	1320
aataatcttc	aagttcagga	gccgcagaga	cgcacaactt	tacacttata	atttctaaca	1380
gtttattgta	taaagatgtt	actcttctat	ttactgttat	atactgtaag	gccttcttta	1440
ggcctttagc	tctgttcctc	cagtaataaa	aaagttaaaa	tatgcttcac	tagtcacaca	1500
ttccccatac	catttcgtgt	tattcacatt	ccccgtacca	tttcttgta	ttcacatgta	1560
cagtaaaaca	attgtttctt	aaattaaaaa	aaaaaaa			1597

<210> 8119

<211> 4689

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4568)...(1568)

<223> similar to gil524092 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8119						
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caccagactc	cctgcctccc	ccactgcgtt	tctctcactg	gccgcccaga	acctgtgaga	180
gggaggaggg	gtgaggcgta	ggggaggggg	ctacagaaca	tccagcccat	tggtctgcaa	240
ggcaggctga	ggggctttgg	atgtggggga	ctaggaaaag	gatgtgagtc	ttgatttaca	300
tataaaatca	tcagtctgca	cacgtcttag	gagggggcaa	gacataggga	caatccttgg	360
tgcaggtttc	tgctaccctt	cgctagtttt	tgccaaagta	gcaaaagctg	agttaagaga	420
aaaattctgt	ccatcagagg	ccatcttctt	ctcatctgat	atgacgtgtt	cctccagcag	480
ggagggaggg	agagcgggtg	cccttgggga	atcagccatc	cttagtgaca	tcctttcggc	540
tcatgggtgt	cgtggggagg	gggcaaggag	tgaggccaag	agtccaggaa	gccaccagg	600
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gtcccagacc	agggaacgaa	gagagaggtc	agagccgtta	agggaaggac	ccccagagtc	1140
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tccatgccgc	ccgcccggcc	gtctgcgcgc	tccgcaccgt	cgaaggccgc	tctccgcggg	4620
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ccgtgctgg						4689

<210> 8120  
 <211> 1352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1228)...(647)  
 <223> similar to gi2598565 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8120
tttttttttt tttgtcagaa aactcagagg tcctgataag gcagtgagcc agaccccagg      60
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gggctggggc ttccctggag ctgcgctcag gcaccaagtc tgtgggtctc atggctctag      180
ctctgctgct ctgtgcagag ccccgaggat accgggaaga acccagggca ctggacacat      240
ccctggaaag cagcaacctg ctgccacagg taaagcaaac ccatgagagg aaacggtcag      300
agccagcagg catgggacag ggaggactgc tggccctctc cactgtggcc cacaccggcg      360
ggttcaggcc agtcttgga tgtgaagatg gtggagggcc agctgctggc tggcaggggtg      420
gcccgccagg gtatcctgct tccccttct caaggagagc ctccatcccg cagccaggcc      480
acaggatgca gagctccaga gcttcacccg gctgctgtag ttgccggtac ccaggagggc      540
tggctctgga gggctgggct tggcaggctg gggagagcaa ggaggtgggg aacccccagt      600
ctgccggccc ggcccctggt cagcaccgcg agccccagcc ttctccgatg tccttgctgt      660
tcagctggat gtggtcgggg ctcttctcgc tgaacaaggg gcccccgctc cgcgatgatga      720
gctccgtggc caccctcagg aaggcctcct ccacgttgct cgagtccttg gcagacgtct      780
caatggcaca caggatgtca tagtgctcag ccaggctctg tgcctcagcc aaggagacct      840
cccgaagctc gctgaggtct gacttgttcc cgatcagcag ctgcacaatg ttggagcccg      900
catacttctc cacatcctca atccagttag gcaccgacag gaaggagctc ctcttggtga      960
tgtcgtaggc aaggatggcc ccattggcac tgcggtagta gctctgggtg atggtgcgga     1020
accgctcctg gccggccgtg tcccagatct gcagcttgac ccgcttgccc tggatctcca     1080
gcgtcttcat ggtgaagtcg acgccgatgg tgcttccctg gcgctccgag aaggcgccgg     1140
tcttgaagcg ctgcaccacg cacgtcttgc ccacgcttgc gtcgcccacc agcaccagct     1200
tgaacaggaa atcgtactgc tcgtccgggt cccccgggcc tggggccggc cctgccatgg     1260
cctagaagaa gccgaagggc cggcgctctg gacgctggga ccggcctgag ctcacgcaag     1320
ccgcggggcc agctccgccc gctccagccc ac                                     1352

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<210> 8121  
 <211> 4790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4528)...(3038)  
 <223> similar to gi4589652 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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aaaacaaaaa	ctaaatttaa	atatttccca	ttggaggcta	tttctttttt	tgtcttttaa	120
aaatttttatt	acacaaatat	cacccattcc	cacgtgtcag	aggaaagatg	tccttgctct	180
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ttctctggcc	caaaaataacc	tcaatgtgtc	aactgagata	gcataagact	tatcccctta	300
atgcttacat	ttaattttaa	cttttttagca	caacattgga	gattgactct	aaatcagcaa	360
caaaaaaata	tatattttaca	atatttctcc	gaaaaacaaa	aaacacaacc	aaacccttta	420
aacataagtg	acttttaggag	ttttatttat	ggagcagtta	tttttttaat	caccaagtga	480
ttttatatta	tatatatata	aattttcttc	ctttcctttg	tggtttttcg	ccccggtgct	540
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ccgtgtctaa	gagcagattg	taggacatgc	gatggactcc	ccaggttcct	ctgtccccca	660
acagagacac	ttctttcttc	cacatggacc	aacctcacc	tctaaaaacc	atttccccct	720
acagtcacca	agaaaaggaa	aaccagcaa	gggcatggtc	catctgctgc	ctttctggg	780
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aaaaacaaac	ataaaaacca	aaacccaaaa	gaaaccattg	gcttggaat	ttctgtggat	900
gaaatgtccc	aaagtccagag	gcactctccc	ggcacaatcc	ctgctctgaa	ggggtctctc	960
cacctccct	tttataaaaa	gacaacaaaa	taaaacaaag	taatcttttc	agtattttcc	1020
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<210> 8122

<211> 1375

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (108)...(733)

<223> similar to gi469945 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8122

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ctccttcage	tgaggagaga	aaaaaataaa	actgtatttg	gctgcaaaaa	aaaaa	1375

<210> 8123

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(394)

<223> similar to gi3395506 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8123						
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<210> 8124

<211> 5707

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (160)...(4751)  
 <223> similar to gil79517 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8124

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gtcactgaga	gaattgtcac	tgaaacagta	accacaagac	ttacatcctt	accacaaaaa	360
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gggactttgg	cgcattgggtc	ctttaaccac	ttttcaatgt	ctaaaaacat	ttgtttgtgg	5640
tctataagat	gaaacatcat	ttcaatcgta	aaatttccca	ttaaagaagt	ttttttttct	5700
aaaaaaa						5707

<210> 8125

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(560)

<223> similar to gi4929737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8125

ctactctcgc	gggtcctcag	cgttctcctg	cggaaccttt	gaacggggta	ctcgagccca	60
caggggaaga	gcagcggaag	gggcctttcg	gaacgatttg	gaacgaaagg	aagtggaaga	120
aacgcggaac	catggccgct	gtggttgctg	tttgcggtgg	tctagggagg	aagaagttga	180
cacacttggt	aacggctgct	gtcagcctta	cacatcccgg	gactcacacg	gtgctttgga	240
gaagaggttg	ttcacaacag	gtatccagca	atgaggacct	gcccatttca	atggaaaatc	300
cttataaaga	acctcttaag	aaatgtatct	tgtgtggaaa	gcatgtagat	tataagaatg	360
tacagctttt	gtcccagttt	gtttctccat	ttactggatg	catttatgga	aggcacatta	420
caggtctttg	tgggaagaaa	cagaaagaaa	tcacaaaagc	aattaagaga	gctcaaataa	480
tggggtttat	gccagttaca	tacaaggatc	ctgcatactc	caaggaccct	aaagtttgta	540
acatcagata	tcgggaataa	attctatcac	gttaccacta	ataaacttat	tttacagtaa	600
gtggttgat	gatgccata	ctgactcaaa	ccaacctttg	gatagaaaag	tgtttgagga	660
gtgaggtaaa	gaatgacact	tccccttcat	accaatgtcc	attaagcaga	ttgctttatt	720
ttaaaatgtt	aacactcatc	acatttttat	ctatgttgaa	ttaaaagtgg	gttctgtgtg	780
attgtcattt	aaaaaaa					797

<210> 8126

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (564)...(294)

<223> similar to gi6010051 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8126

tgaatcatgt	catttatattt	aaactaattg	taagacaatg	aatataaagt	tcaaaaaggt	60
gtaagcaggt	gatggtttta	ttggcaaact	tataggggta	gtgtatgaag	tcatttcaaa	120
taacagatta	agttgctttc	cttacaacta	aaagcttcaa	ttactacatt	tcaactttta	180
tttaacatca	catctacatg	gggaagcttt	aatttcaggt	ctgggagcag	ctggtaaaat	240
ggaaagttac	cacatccatt	ctagttcctt	ggatatgagt	atattcccct	tcacctttca	300
ccctattttc	attgaaattt	ccagtatact	ttgccccatt	tgggaatgtg	taagtcccca	360
gtccatgaaa	catattatcc	ttaaattgtc	cttcatatac	tgtcctgaa	aaatgctcaa	420
gtcttccaaa	accattcatc	ttgtcatctt	tccagcttcc	tgtgtagaca	atcccattag	480
gagtggatg	aatacctatt	ccatttctct	cgtagattcc	agaagatgtt	cttgtacagt	540
caccatcata	cttgtctcca	tttggaagaa	taaagctgat	cttatacact	tctgaagttg	600
gccgagaggt	gttagagaga	tcttccaaac	tctgcgactc	cccctgggcg	gccagctctg	660



cggccgggag agaactaggc gctaggacag ctccag

696

<210> 8127

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (123)...(483)

<223> similar to gi529900 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8127

ggcacgagcg	gcacgagccg	ggctcggccg	acccggcggg	gatctagggg	tgggcgactt	60
cgcgggaccg	tggcgcatgt	ttcctgggag	ttactgatca	tcttctttga	agaaacatga	120
agttacacta	tggtgctgtg	cttactctag	ccatcctgat	gttcttgaca	tggcttccag	180
aatcactgag	ctgtaacaaa	gcactctgtg	ctagtgatgt	gagcaaatgc	ctcattcagg	240
agctctgcc	gtgccggccg	ggagaaggca	attgctcctg	ctgtaaggag	tgcattgctgt	300
gtcttggggc	cctttgggac	gagtgtgtg	actgtgttgg	tatgtgtaat	cctcgaaatt	360
atagtgcac	acctccaact	tcaaagagca	cagtggagga	gctgcatgaa	ccgatccctt	420
ctctcttccg	ggcactcaca	gaaggagata	ctcagttgaa	ttggaacatc	gtttctttcc	480
ctgttgacga	agaactttca	catcatgaga	atctggtttc	atttttagaa	actgtgaacc	540
agccacacca	ccagaatgtg	tctgtcccca	gcaataatgt	tcacgcgcct	tattccagtg	600
acaaaggtaa	ctgccaacag	ttgacttttt	ccattccgcc	ccctcatgtg	gtctgtccat	660
gtaatctata	aaacctatat	aagaccatct	tttgagacag	ccttttggtt	ttgaatttgt	720
atcatctttg	ctttcaatat	ttaatttttt	cctttttact	tatttatatt	tgctaaaaga	780
ttacctactt	tattattact	ctacaaataa	ccagcttttg	cttttattgc	ttggcttagt	840
tggctttttt	aatttgcttt	ttaaaattac	tgtttttat			879

<210> 8128

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (606)...(336)

<223> similar to gi4006932 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8128

tttttttttt	ttaacttttc	acttctttta	tttgtaaaa	tagtcacatc	catatacatg	60
------------	------------	------------	-----------	------------	------------	----

aaaagatttg	accataatgc	attcattgat	tgtggctctt	gccatctcgt	ggcatccagg	120
atcctggctg	aaagggttta	ccagtgcctg	tgggagccac	tgagggttct	tcctttccaa	180
agtatggagc	agaggcatgg	cctttaattt	gagtttgaac	tggaggaggc	aggagttcct	240
cactggtctc	tttactaagg	agtttttctt	tttcataaaa	atcttggctt	tttattttga	300
tttcttctct	gtgtttttca	ttcttttagt	tttctctcat	agtaggtgga	gtctttcttg	360
ttcttcta	ccaagcttcc	cattctgttg	gaatatcccc	tgcttcata	tctacttctt	420
ttttatttgc	tgcttctaca	attcttttct	ctcgaatagt	ttgtcctctc	cagttcttgt	480
actgcgggat	gtagtagtat	ttgttccccg	attggtccgt	gcccacgtgc	tctttcactt	540
cccttgacag	cgatctccac	aaggcgcgga	acaaatcctg	agaccaaccc	atgccgtcca	600
cccagtttcc	agcgctgcca	ccagcgcccc	ccgcagtagg	ggtaatgctc	caaccgccga	660
caaagcccac	cgaggcgagg	aagtcagccg	aaa			693

<210> 8129

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (118)...(443)

<223> similar to gi2316080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8129

cggccggcac	tgccgttagg	accgaaggcg	cgcggtggcg	cccagcagct	ccagcgaggg	60
gtcgcgcagc	agcggggtct	ccccactccc	cgccgcccc	tgtgagatcg	ttctgcatgg	120
gctcgggctc	agagcccggg	cgctgtggaa	gagattctag	accgggagaa	caagcgaatg	180
gctgacagcc	tggcctccaa	agtcaccagg	ctcaaatcgc	tgcgcctgga	catcgatagg	240
gatgcagagg	atcagaaccg	gtacctggat	ggcatggact	cggatttcac	aagcatgacc	300
agcctgctta	cagggagcgt	gaagcgcttt	tccacaatgg	caagggtccg	acaagacaac	360
cggaagcttc	tatgtggcat	ggcgtgggt	ctaattgtgg	ccttcttcat	cctctcctac	420
ttcttgtcca	gggcaaggac	gtgagccagt	gggagctggg	gtctgtgggt	gccaagggca	480
gccagggctc	tccttgctg	gtgttttggg	ctccagagga	cttacctaca	aaatactcct	540
ttgcaattat	aattgtgggt	caggaatctt	cttctctg			577

<210> 8130

<211> 1963

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (330)...(1030)

<223> similar to gi5123952 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8130
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aattctccca gggttggggg gctgggcgag agtcccgggt gggaacgtga gatcagcggg      120
ggcgtggact gatctgaaag ggcagagtgg agtcgcattg tgaggggggt ggcaagcggg      180
ctgcgaagcc tcggcccgcga ggggtacatct gagcggggaa taaaccggat ccttgggcgg      240
gcaggaatcg caccgcgggt ctgccagatg tgtctgtctt ccacaggag gacgtgggat      300
gggtggcggag ctggctgcag cagagctacc aagcagtcaa agagaagtcc tctgaagcct      360
tgagatttat gaagcgggac ctgacggagt ttaccagggt ggtgcagcat gacacggcct      420
gtaccatcgc agccacggcc agcgtgggtca aggagaagct ggctacggaa ggctcctcag      480
tgccaacaga gaagatgaag aaagggttat ctgacttcct aggggtgatc tcagacacct      540
ttgccccttc gccagacaaa accatcgact gcgatgtcat caccctgatg ggcacaccgt      600
ctggcacagc tgagccctat gatggcacca aggtcgcct ctatagcctg cagtgcggacc      660
cagcaacctt ctgtaatgaa ccagatgggc ccccggaatt gtttgacgcc tggctttccc      720
agttctgctt ggaggagaag aagggggaga tctcagagct ccttgtaggc agcccccca      780
tccgggccct ctacaccaag atggttccag cagctgtttc ccattcagaa ttctggcatc      840
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tgctagaggc atccttggag gaacagggcc tggctgtgga tgtgggtgag actggaccct     1260
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catttctgtt tttgaaaaaa aaaaaaaagg ggcggccctt tag                               1963

```

```

<210> 8131
<211> 6769
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(6770)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (6377)...(4027)
<223> similar to gi2662079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8131

tttttttttt	ttaccttatt	atatagaatt	tgtacaatat	atctcttttc	gtttgcatat	60
tttaaccac	agcttaacat	cctttttaca	ggctgaactc	actcaggctg	atagaatcaa	120
aattctttca	accaaataag	aaaaattcaa	aatcgtaaac	ccgtaagaaa	acaaattaaa	180
aacggtgatg	aaaatacgtc	actcctctcg	ttaggaacag	tgtctggttt	gtaccacaag	240
gtatgcctct	ggaacaagga	tttctttaca	agcgtaaggc	acggtgtttc	cacctttgct	300
ctgcgggctt	cgctccctcc	ggagcctggg	gctccttgga	aagcggcggg	gacgcggcgg	360
gctctgggct	tcggcaggcg	caccccggtt	ggccgggaag	acagaaggcg	ggccggggcc	420
gaagccgggg	aagaggcagc	ccgcgtgggt	cgcagccgga	actcagggtt	tggttttccc	480
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acaaccggcg	gcgattgcca	tagggggagg	ttaattccgg	ccctaccgcc	cgctttactc	660
ggagtctggg	gtgtggaggg	gcgtgggtgg	cgctatctcg	tctaccttcc	aggttggtcg	720
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gcaaatcggt	ctgaaggaaa	gtagcacgga	tctcctcaaa	accgtgagcc	tttagtggtt	5220
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ggctgtccat	gctgctttgc	agaagggtgac	tggcgataaa	ggcaaagtgc	tgggagtact	5340
ggctcagctg	ggccccgagag	tcaccacact	cttgtcctcc	tcccttctgg	accagctggg	5400
agtccttcac	tgttttcctc	ttccgagttt	tgacatcaac	aatcacagcc	ctgttcttct	5460
cagtaaagtg	cttcaagatg	atcacattat	ggggttcatt	ggcattatcc	atataaacgc	5520
agcgggttcc	cacacagagg	acctggggga	agccaaccag	cacgagcagg	gtgaagatgt	5580
tggtgtgctt	cagctggaat	ggcagctgct	tgatgcagtg	gtctgtgaag	gtggcaatga	5640
catcacgcca	cagtggggca	ctgttgagtg	accgcaggat	ctctgccatg	gagcacgccc	5700
agtccaagcc	cacccggctg	tccagacaca	cagctcccag	gctaaagagc	aggtgggtgg	5760
ttttccagcc	atctggcaca	atggaactgt	cccctgcagc	aaacagggtg	tgtttggtg	5820
agaggacttt	gatcactgcg	gcgtctacct	ctgctggcaa	aagacggata	attaactggc	5880
cgagaagacc	cagggtgaga	tggtaggttt	cattcagggtg	gcctgcgttt	gagatgacaa	5940
cctgaaacat	gagtggaaag	acgtgctcca	ggtctatcag	gggaaccgtg	gggcccgact	6000
ttaaggaggg	taacatggct	gctagtaatc	ccaaaatcct	cttctgggaa	cactcagcaa	6060
acacttgctc	agggcttgga	gtaactgctt	tttctcttat	gggcttctga	gatgacactt	6120
ctgaatcttc	agcatctgga	agtcctgtag	gtgggctagc	atctgcaggt	gaatctgaaa	6180
tttgggtctg	gcatgaagga	tccttcgata	atgatacacc	tttatctgcc	ttatttctct	6240
gcttgaaatc	tacaggtctg	atttctctat	gaacagctct	ctttccattg	cctgcttctg	6300
acagctcagc	accctggaca	gctttcttct	ctagctgctc	ctctgacgct	ccggtgggca	6360
cagtgcactg	tagggcatga	tcttctaggg	tcgagtcccc	atctggcaat	acaccgca	6420
aagctagagc	tttaaggcct	tttccctgat	gagccttcat	cagacagtcc	ccgacgagct	6480
gcatgcactg	gctccgcagg	gtggtggcac	tgctgcgcgt	ctgggggtcc	agcttctccc	6540

catccacatc	ctctgcactg	gccaggtggg	cgctatagag	agccagggca	gcaaagagca	6600
gccaggagta	gttatggata	tatggctgga	tgagcctctg	ccggtcactg	atccgaatgg	6660
ttaccattgg	gtgggccgtg	atgctgtggg	taggcaaattg	gccgtaggag	tatttctcgg	6720
acgcgtgggt	cgccccgggc	gtacgggtct	ctaacgacgg	gcgtcaaaa		6769

<210> 8132

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (573)...(732)

<223> similar to gi5002569 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8132

cgatttcgtg	taagatggca	gcggacggac	agagctcgct	ccccgcttca	tggcggtcgg	60
tgaccctcac	ccacgtcgaa	tatcctgcag	gtgatctctc	cggccacctc	cttgccctacc	120
tgagcctcag	ccctgtatct	gtcatcgctg	gtttcgtgac	cctcatcata	tttaagcggg	180
agctgcacac	gatctccttc	cttggggggc	tggcactgaa	cgaggggggtc	aactggctga	240
tcaaaaacgt	catccaggag	ccacggccct	gtggaggccc	ccacacagca	gtgggcacca	300
agtacgggat	gccctccagc	cattcccagt	ttatgtggtt	cttctccgtc	tattccttcc	360
ttttcctgta	tttaagaatg	caccaaaca	acaacgccag	gttcctggac	ttgctgtgga	420
ggcacgtgct	ctccctggga	ctcctcgctg	tggccttcc	agtctcctac	agcagggtct	480
acctgctgta	ccacacctgg	agccagggtg	tctatggagg	catcgctgga	ggcctcatgg	540
ccatcgctg	gttcatcttc	accaggagg	tcctcacc	gctgttcccc	aggatagcag	600
cctggcctgt	ctccgagttc	ttcctaattc	gagacacaag	cctcattccc	aacgtactct	660
ggtttgagta	cacggtaacc	cgggcagaag	ccaggaacag	acaacgcaag	ctggggacga	720
aactgcagtg	accagtgggt	gtggctgggt	ccagcctcca	gatctggccc	gcacgatgcc	780
ttgcaggatg	gacaggatga	cagacaggga	cgaagcagag	acctctacag	acccaagtca	840
ccaagtggag	cctttttttt	tcttatttta	attttaatga	acaagggtgga	ccaaagggtc	900
gaaccagccc	ctcaaccagg	accctggggg	gcctgctgcc	tgggggcccgt	ggccagagac	960
cctcgctgtg	ctgctgccag	ccctggctg	ggcagaaagt	gccctcgga	tgggcacctg	1020
ggtgtggggg	ggaggaggag	ggctcgcgcc	tctggtctcg	gggccaggaa	ttccagggtg	1080
cgtgagaagt	acacactatt	tatttttttg	ttttgtcaga	ggcaggcagg	attttggagc	1140
tggaagaatc	tgctctccgg	tggtgcct	gtgaacagag	ggctcccgg	cagcttccca	1200
ggcccttcgc	cctatgccca	gagggcagac	tgccctctcc	tggggccggg	tgggctgggt	1260
gccaggagga	tgggagcata	caccacaccc	tatatgccat	cggtggcggt	cctgacactc	1320
tgccctcgca	tacgtggctg	gagggggggt	ccatatcgag	cacgtgcatg	gcagctgctg	1380
tgatgtgct						1389

<210> 8133

<211> 1302

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (31)...(877)  
 <223> similar to gil418767 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8133  
 ggccctgcgcc tccacgtgga tttggtagag aaaccccgga ctgggatcat ggcagccgag 60  
 actcggaacg tggccggagc agaggcccca ccgccccaga agcgctacta ccggcaacgt 120  
 gctcactcca accccatggc ggaccacacg ctgcgctacc ctgtgaagcc agaggagatg 180  
 gactggctctg agctataccc agagtctctc gctccactca ctcaaatca gagccacgat 240  
 gacccaaagg ataagaaaga aaagagagct caggcccaag tggagtttgc agacataggc 300  
 tgtggctatg gtggcctgtt agtggaaactg tcaccgctgt tcccagacac acttattctg 360  
 ggtctggaga tccgggtgaa ggtctcagac tatgtacaag accggattcg ggccctacgc 420  
 gcagctcctg cagggtggctt ccagaacatc gcctgtctcc gtagcaatgc catgaagcac 480  
 cttcctaact tcttctacaa gggccagctg acaaagatgt tcttctctt ccccgaccca 540  
 catttcaagc ggacaaagca caagtggcga atcatcagtc ccacctgct agcagaatat 600  
 gcctacgtgc taagagttgg ggggctggtg tataccataa ccgatgtgct ggagctacac 660  
 gactggatgt gcactcattt cgaagagcac ccactgtttg agcgtgtgcc tctggaggac 720  
 ctgagtgaag accccgttgt gggacatcta ggcacctcaa ctgaggaggg gaagaaagtt 780  
 ctacgtaatg gaggggaaga tttcccagcc atcttccgaa gaatacaaga tcccgtcctc 840  
 caggcagtga cctcccaaac cagcctgcct ggtcactgac tgcttactct accttagctg 900  
 gacctcgtct cccagggatt agagaaaaga gcaggagtcc tgggtcttcc cagttgagac 960  
 tgctggagct gagacacagt actctcttaa agaaggtggg gagctgcccc gggcagaacc 1020  
 cactggtgtt catgactacc cctggctcct ctcaccttgt ccctccactg ccaacagaaa 1080  
 acaaagcagc tgactgagat ggtcaaagga ctttggacca taggggatct ttggaaggct 1140  
 gtggggctctt gctcttctct agcactcctt tctccttgtg agatctctcc tcagctggaa 1200  
 tgaggaatgt agtccatcta aactgcttgc taggctcaat taccacttct gtttgctttg 1260  
 tggatcctgg gataacatgt atatgtgtac acaaaaaaaaa aa 1302

<210> 8134  
 <211> 836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (90)...(545)  
 <223> similar to gi5531805 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8134  
 cccgggtcga cgatttcgtt ctctcagaa gtcgcttagc tcttcggtgg ttgtcacacg 60  
 tccggaggcc tagccgtcgc gtacctagga tgccgctggg aagccgaagc cgcacctccc 120  
 gcatggcccc tccggccagc cgggcccctc agatgagagc tgcaccagc ccagcaccag 180  
 tcgctcagcc accagcagcg gcaccccat ctgcagttgg ctcttctgct gctgcgcccc 240

ggcagccagg	tctgatggcc	cagatggcaa	ccactgcagc	tggcgtggct	gtgggctctg	300
ctgtggggca	cacattgggt	cacgccatta	ctgggggctt	cagtggagga	agtaatgctg	360
agcctgcgag	gcctgacatc	acttaccagg	agcctcaggg	aacccagcca	gcacagcagc	420
agcagccttg	cctctatgag	atcaaacagt	ttctggagtg	tgcccagaac	cagggtgaca	480
tcaagctctg	tgagggtttc	aatgaggtgc	tgaacacagt	ccgacttgca	aacggattgg	540
cctaataaag	aagttcaacc	tggagagatg	gaaaatcagc	tctcataact	aagttaattt	600
agtataaaaa	tagaattgat	agtgagggtg	taaagtgtaa	ccatcagtta	aacctctcct	660
gtcattccta	gcttccttgc	ttcagaattg	aaatggaagt	gggggtgtcc	ctactctgta	720
gaatctggga	ctgggcaa	gtttgtgtgg	cctccttaaa	ctagctgtta	tggtatgatt	780
ttattctttg	tgagttaatt	agaataaagt	cattttcttc	caaggtaaaa	aaaaaa	836

<210> 8135

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (580)...(829)

<223> similar to gi2414615 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400>	8135					
aacggaagta	gggtgctttt	ttttgctgcc	gggagttggt	cgagagttgg	gttcagtcct	60
ggcccgttgt	ggggacggca	cgcgggggaa	ggggagggga	cggagaccga	agaacggagg	120
tccttatggt	tcttttcttt	ccttaaactc	tgcccggcct	gaagaggccg	gaagttgcat	180
ctctggacaa	gtaaaactctg	agacctggga	atggcgggcg	ggaccgctc	ctcccttggg	240
gtctagagga	gacccccgga	gatggtccct	gatgagcagc	gtgatggtgg	aaagctggac	300
tggctctccc	aaaggcgaag	ccgaggcttc	ttcctctgaa	cttttgggcc	agctgagggg	360
cccacggaca	tagggcaccc	acaataggcg	tgtgtctgct	gtgtgtttgt	gttcggccgt	420
cctgcttctc	tgcttccaca	cgtacacatg	cccctgtgtt	actttgggtc	atcttctgta	480
ctctgtcagt	tttctgctgg	tcagaacatc	tgtgactgtg	acagagctgt	ccaggattgc	540
agtggatagg	aatttcttca	catggctcct	ggagaagtga	ccatcacagt	tcgcctcatc	600
cgttcctttg	aacatcgcaa	tttcaaacct	gtagtgtatc	acggagtga	tttggacca	660
actgtaaagg	aatttatcgt	atttctaaag	caagatgcac	taaagattat	tcatcaagca	720
cataaatcaa	agacaaatga	acttggtgtg	agtttggaag	atgacgaaag	actcctgctg	780
aaagaagaca	gcactctgaa	agcagctgga	atcgaggagg	aggatgagaa	tgatgtgcat	840
tccgatctct	tggctgagga	cagtaggtgt	ctgctctcca	aatatgcaga	atgcaaattg	900
ctgttttcag	aagccagtga	aactgaaatt	gcattcttct	gtgaagaaga	ttataggaac	960
tacaaagcta	atccc					975

<210> 8136

<211> 2797

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (225)...(2797)  
 <223> similar to gi3170196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8136

tggagatgga	ggggaaggag	gatgcccaga	aggtgctgaa	gtgcatgtac	tgtggacact	60
ccttttagtc	cttgaggac	ctcagcgttc	acatgatcaa	aaccaagcat	taccagaaag	120
tgccctctgaa	ggagccagt	ccagccatca	ccaaactgg	ccccccacc	aaaaagcggg	180
cgcttcagga	cctggcgccc	ccctgctccc	ctgagccagc	aggaatggcc	gcagaggtgg	240
ccctgagtga	gtcagccaag	gatcagaaa	cagcgaaccc	gtacgtcacg	cccaataacc	300
gctatggcta	ccagaatggc	gccagctaca	cctggcagtt	tgaggcccg	aaggcgcaga	360
tccctcaagt	catggagtgt	ggcagctccc	acgacacgct	gcagcagctc	accgcccaca	420
tgatggtcac	cgggcacttc	ctgaaagtga	ccacctcggc	ttctaagaag	ggcaagcagt	480
tggtgctgga	ccctgtgggt	gaagagaaga	tccagtcctc	cccactaccg	cccaccaccc	540
acacgcggct	gcccggcctcc	agcatcaaaa	agcagcccga	ctctcccgcg	gggtccacga	600
cttctgaaga	aaagaaagag	ccagagaagg	agaagccgcc	tgtggctggc	gacgcggaga	660
agatcaagga	ggagagtga	gacagcttgg	agaaatttga	gccagcacc	ctgtaccctg	720
acctgcgtga	ggaggacctg	gacgacagcc	ccaagggagg	gctggacatt	ctcaagtccc	780
tggagaatac	cgtctccacg	gccattagca	aagctcagaa	tggtgcgccc	tcatggggtg	840
gctacccag	catccatgca	gcctaccagc	tcccgggcac	cgtgaagcca	ctgccggcgg	900
ccgtgcagag	cgtgcaggtg	cagccgtcct	atgctggcgg	cgtgaagtgc	ctgtcttccg	960
ccgagcacia	cgccctcctg	cactccccag	ggagcctcac	gccccaccg	cacaagagca	1020
acgtgtctgc	catggaggag	ctgggtggaga	aggtcacggg	caaggtcaac	atcaagaagg	1080
aggagagacc	ccctgagaag	gagaagagct	ccccggccaa	ggctgcgtcc	cccatagcaa	1140
aagagaataa	agatttcccg	aaaacggagg	aagtcagcgg	caaaccacag	aagaaggggc	1200
ctgaggccga	gactgggaag	gccaaaaagg	agggaccgct	ggacgttcac	accccaaattg	1260
gcacagagcc	tctcaaagca	aaggtcacca	acggctgtaa	caacctgggg	atcatcatgg	1320
accactcacc	ggagccttcc	ttcatcaacc	cgtgagcgc	tttgagctcc	atcatgaaca	1380
cccactggg	caaggtgtcc	aagcccgtga	gtccctcgct	ggaccgcgtg	gcgatgctgt	1440
acaagatcag	caacagcatg	ctggacaagc	cgggtgtacc	cgccaccctt	gtgaagcagg	1500
ccgatgccat	cgaccgtctc	tattatgaaa	acagcgacca	gcccattgac	ttaaccaagt	1560
ccaagaacaa	gccgtgggtg	tccagcgtgg	ctgattcggt	ggcatcacct	ctgcggggaga	1620
gcgcactcat	ggacatctcc	gacatgggtg	aaaacctcac	aggccgcctg	acgcccaggt	1680
cctccacgcc	ctccacagtt	tcagagaagt	cagatctgta	tggcagcagc	tttgaggagg	1740
cgttggacga	gctgtcaccc	gtccacaaga	ggaaggggcg	gcagtccaac	tggaaaccgc	1800
agcaccttct	catcctgcag	gcccagttcg	cctcgagctt	gcgggagacc	acagagggca	1860
agtacatcat	gtcggacttg	ggcccgccag	agaggggtga	catctcgaag	tttactgggc	1920
tctccatgac	caccatcagc	cactggctgg	ccaatgttga	agttaccagt	ttgaggagga	1980
cagggggaac	gaaattccta	aaagaacctg	ggacacaggg	gcatcctgtt	ttcttttgca	2040
acgattgtgc	ctctcagttc	agaactgctt	ctacatacat	aagtcatttg	gagacacact	2100
tgggcttcag	cctgaaggat	ctctccaagc	tgccactcaa	tcagattcaa	gaacagcaga	2160
atgtttcgaa	agtcctcacc	aacaaaactc	tgggcccact	ggggggccacc	gaggaagact	2220
tgggctccac	attccaatgt	aagctctgca	accggacttt	tgcgagcaag	cacgcagtca	2280
aactgcacct	taataagacc	cacggcaagt	ctcccagagga	ccacctgatc	tatgtgactg	2340
agttggagaa	acagtagcgt	ccaggtatgc	aagagaccgc	ggaacattgc	actaaacgtc	2400
gtcgagctgc	actaggcctg	gcctgagcct	ctgaaatcag	tctttccttt	gttgctggcc	2460
cgctctctg	gacctgggtt	ttcttacaca	tattttgtat	atttatatgc	tctctgtccg	2520
atctgtgcat	gttatttttc	tttttccgtg	agtcaaagtc	tgacctttat	tttcaacatc	2580
tgttcttgg	gttaagctat	cttttgtagg	aaatagtggg	gcacactact	cagagacatt	2640
atttagcagt	aaagaaagac	acaaataaca	atgataaaaa	gacatcctaa	aatggtgaag	2700
ttgccatgac	aataaaggtc	atagaacctg	gtagtgtcaa	atttaaccct	ttgaggactg	2760
taattgcatt	tctgtgcctt	tcacttgaaa	aaaaaaa			2797

<210> 8137  
 <211> 3021  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3022)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (527)...(2435)  
 <223> similar to gi4868122 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8137

tttcgtatga	gaggctgtgt	gagangctgc	agccgcgcgc	agaggagacc	tcagcatcat	60
ctagagccca	gcgctggccc	tgccctccgc	tgccccgcgc	ccgccgtcgc	cgtttctgtt	120
cctgctactg	tcccacctaa	acaactcccg	ttacacggac	aagtgaacaa	ctgtggctgt	180
cctctccttt	tcttctcct	cttccaactc	cttctctctc	tcccacttcc	cagccgcagc	240
agaaaagcccc	caaccaactc	gacactggca	caactgcaaa	cggtgtcatc	cgcacaactt	300
tatctcgctc	ctcgggctcc	cctaaggcat	tggaccctac	gccgcgtctt	ttatTTTTtTg	360
caaagtTgca	tcgctgtaca	tatttttTgc	cccgccacct	ccctctgtct	ctggagtgcc	420
ctacagcccc	gcaaactcct	cctggagctg	cgccctagtTg	cccctgctgg	gcagtggcgt	480
tcccccccat	cctcccgcgc	ccagcccctg	ctgctctggg	cagacgatgc	tgaagatgct	540
ctcctttaaG	ctgctgctgc	tggccgtggc	tctgggcttc	tttgaaggag	atgctaagtt	600
tggggaaaaga	aacgaaggga	gcggagcaag	gaggagaagg	tgctgaatg	ggaaccccc	660
gaagcgctg	aaaaggagag	acaggaggat	gatgtcccag	ctggagctgc	tgagtggggg	720
agagatgctg	tgcggtggct	tctaccctcg	gctgtcctgc	tgcttgcgga	gtgacagccc	780
ggggctaggg	cgcctggaga	ataagatatt	ttctgttacc	aacaacacag	aatgtgggaa	840
gttactggag	gaaatcaaT	gtgcactttg	ctctccacat	tctcaaagcc	tgttccactc	900
acctgagaga	gaagtcttgg	aaagagacct	agtacttcct	ctgctctgca	aagactattg	960
caaagaattc	ttttacactt	gccgaggcca	tattccaggt	ttccttcaaa	caactgcgga	1020
tgagtTttTgc	ttttactatg	caagaaaaga	tggTgggtTg	tgctttccag	atTTTccaag	1080
aaaacaagtc	agaggaccag	catctaacta	cttgaccag	atggaagaat	atgacaaagt	1140
ggaagagatc	agcagaaagc	acaaacacaa	ctgcttctgt	attcaggagg	ttgtgagtgg	1200
gctgcggcag	cccgttggtg	ccctgcatag	tggggatggc	tcgcaacgtc	tcttcattct	1260
ggaaaaagaa	ggttatgtga	agatacttac	ccctgaagga	gaaattttca	aggagcctta	1320
tttggacatt	cacaaacttg	ttcaaagtgg	aataaaggga	ggagatgaaa	gaggactgct	1380
aagcctcgca	ttccatccca	attacaagaa	aaatggaaaag	ttgtatgtgt	cctataccac	1440
caaccaagaa	cggtgggcta	tcgggcctca	tgaccacatt	cttaggggtg	tggaaatacac	1500
agtatccaga	aaaaatccac	accaagtTga	tttgagaaca	gccagagtct	ttcttgaagt	1560
tgcagaactc	cacagaaagc	atctgggagg	acaactgctc	tttggccctg	acggcttttt	1620
gtacatcatt	cttggtgatg	ggatgattac	actggatgat	atggaagaaa	tggatggggt	1680
aagtgatttc	acaggtctcag	tgctacggct	ggatgtggac	acagacatgt	gcaacgtgcc	1740
ttattccata	ccaaggagca	accacactt	caacagcacc	aaccagcccc	ccgaagtgtt	1800
tgctcatggg	ctccacgatc	caggcagatg	tgctgtggat	agacatccca	ctgatataaa	1860
catcaattta	acgatactgt	gttcagactc	caatggaaaa	aacagatcat	cagccagaat	1920

tctacagata	ataaagggga	aagattatga	aagtgaacca	tcacttttag	aattcaagcc	1980
attcagtaat	ggtccttttg	ttggtggatt	tgtataccgg	ggctgccagt	cagaaagatt	2040
gtatggaagc	tacgtgtttg	gagatcgtaa	tgggaatttc	ctaactctcc	agcaaagtcc	2100
tgtgacaaag	cagtggcaag	aaaaaccact	ctgtctcggc	actagtgggt	cctgtagagg	2160
ctacttttcc	ggtcacatct	tgggattttg	agaagatgaa	ctaggtgaag	tttacatttt	2220
atcaagcagt	aaaagtatga	cccagactca	caatggaaaa	ctctacaaaa	ttgtagatcc	2280
caaaagacct	ttaatgcctg	aggaatgcag	agccacggta	caacctgcac	agacactgac	2340
ttcagagtgc	tccaggctct	gtcgaaacgg	ctactgcacc	cccacgggaa	agtgtctgtg	2400
cagtccaggc	tgggaggggg	acttctgcag	aactgggtaa	ccctgaaaag	gtttgtctcag	2460
aacatccttt	gctggccaac	tgcactgact	ccagaaagag	acttctaagt	gtaatcagag	2520
agcaaagcat	atgctgtctg	ccccctggaa	gcaagaggaa	ggaagaatcc	aagggagttt	2580
atatggcgga	tattccaccc	aaccaaatac	caaaactgac	tgttcctttc	tgttgcactg	2640
gagttgcttg	agcctctgtg	tctccccctc	aggctggggc	actcccatgt	tgagatccta	2700
ccttgaagga	atgggaacat	agagcttggg	aggccctctg	tagagaatgc	tcctgtgaag	2760
cagagatttc	aaaggactaa	aatcttcatt	ttaaatagag	ttaattttgc	aaagggttgc	2820
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tctccaaata	actatgggtg	taaaagcctg	tttctacttt	gcatatttat	ctttcagatc	2940
atthttgtaac	tatctccctc	cttttttccc	tcgcttccct	tattcagcaa	atatttggtg	3000
gtctcatgct	cagtctggtt	t				3021

<210> 8138

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(1248)

<223> similar to gi4914607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8138

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ggggctcgcg	cgtggcgag	cagcctccat	ccctgtgaga	tcactgccct	gagccaatcc	120
ctacagccct	tacggaagct	gccttttaga	gcctttcgca	cagatgccag	aaaaatccac	180
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ggattggaga	ttccacccaa	acttgtctgt	cactgggagg	tggctttgta	caagtcagtg	360
ccaacgcgct	tgctgtcacg	ggcctggggg	cgcctcaatc	aggtggagct	gccacactgg	420
ctgcgcaggc	ccgtctacag	cctgtacatc	tggacgtttg	gggtgaacat	gaaagaggcc	480
gctgtggagg	acctgcatca	ctaccgcaac	ctcagcgagt	tcttcgggcg	caagctgaag	540
ccgcaggccc	ggcctgtctg	tggcctgcac	agcgtgatta	gcccacggga	tgggaaggatc	600
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ctggagtcgt	tcttggggcc	gcgtatgtgc	acagaggacc	tgcccttccc	accagccgcg	720
tcgtgtgact	ccttcaagaa	ccagctggtc	acccgggaag	ggaatgagct	ctatcactgt	780
gtcatctacc	tggccctctg	ggactaccac	tgcttccact	ccccaccgga	ctggactgtg	840
tcccaccggc	ggcaacttccc	aggctccctg	atgtcagtga	accctggcat	ggctcgctgg	900
atcaaagagc	tcttctgcca	taacgagcgg	gtggctcctga	cgggggactg	gaaacatggc	960
ttcttctcac	tgacagctgt	gggggcccac	aacgtgggct	ccattcgcat	ctactttgac	1020
cgggacctgc	acacaaacag	cccaaggcac	agcaagggct	cctacaatga	cttcagcttc	1080

gtgacgcaca	ccaatagaga	gggcgtcccc	atgcgtaagg	gcgagcacct	gggcgagttc	1140
aacctgggct	ccaccatcgt	gtcatcttc	gaggcccca	aggacttcaa	tttccagctg	1200
aaaacaggac	agaaaatccg	ctttggggaa	gccctgggct	cgctctagag	tctctttcct	1260
gattatggct	gctaagggat	cttttccaaa	cagagtgagg	gtcttttcaa	gagggaggcc	1320
catgaggcca	tccaggtaag	ggcctgcctc	agcgtggttg	ggagtctgac	caggtaggac	1380
ttgaatgatt	cggctaccac	ctgttccaga	ggtgcagaca	agaggtggcg	agagcccca	1440
tcatgcccct	caacctatcc	cgttccttct	gcctacaaat	aaaaagtgca	ggctggaaaa	1500
aaataaataa	actgaaaaga	agctgaacac	aagaactaaa	aacaggaaac	cccggggggg	1560
gggggggtta	aaaaagaatg	ttgggggggc	caacattaat	ccgggagcag	acttgttttt	1620
ttttt						1625

<210> 8139

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (236)...(590)

<223> similar to gil67411 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8139

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caccccttg	ggagcccagc	tcttcaccta	gctctccggc	gcttttcaa	atctgcagtt	180
aacaacaaaa	atcgagcaac	gccacgtcgc	acaaacagga	caggaggggg	cgaggaggat	240
aatagtagca	gaatttcaca	aaaaaatcaa	agggcattt	gaagtctttg	accatgagtc	300
gaataataca	gtggatgtga	gagagattgg	aacaattatc	aggtcattag	gatgctgtcc	360
tacggaagga	gagctgcatg	atctgattgc	agaggtagag	gaagaagaac	ctactggata	420
cattcgattc	gaaaaatttc	ttccggtgat	gacagaaata	ctactagaaa	gaaaatacag	480
accaattcca	gaagatgtcc	ttcttcgagc	ttttgagggt	ttagattcag	ctaaacgtgg	540
gtttcttact	aaggacgagc	tgatcaagta	tatgactgaa	gaaggataac	ctgagatttt	600
cccaaggtaa	aatccaaata	gagacctgat	gtgccactgg	ctcgcccggtg	catgctagaa	660
tcaccagcca	gagatgagga	tgaaccgcgt	gccttcagga	cagggcggag	acggaggaag	720
aaaggagtgt	ggtgatcctc	ggaacatcag	cagacaggct	gttgatgata	ggaacacatt	780
gcagcgggga	aggaggatgg	ctgagatatg	aaataccctt	caaggtggac	gcatacccag	840
gggcatgtca	ttcgggtggca	ggggccagca	cggacatgca	gactgaggc	gtgtgctagc	900
gcccagtgcg	tgcaccagg	cacggacttg	tttgaggcat	acaggacagc	tctgcgttaa	960
gacctgtaag	ccattaaaga	agtacagtct	ggtgaatgaa	ccctaattctc	ttgatgatca	1020
agtgatgaca	tcatattcct	gtctccgagg	gagacaccct	ctttgcacag	aaggcagtag	1080
aggaagcttg	cttcgagatt	gcctaccttc	cccagcgcgc	acctttcgag	ggtttttttt	1140
caaaagtttc	gggattgatg	tttcaacttc	acatcttgtc	tcaaggcaat	cctctctgtt	1200
tagtctcata	gagttggctt	tgtggaatgt	aattcatttt	tatcttttagc	acaaatttgt	1260
ctgtttcttt	taaggccacc	agaaagcaca	acatagactc	cccacagaaa	tctcatttta	1320
tctcctaagt	tgcagaataa	aaagtacctt	gtttgcaaa	ggaacatttt	cctttaaaaa	1380
att						1383

<210> 8140  
 <211> 1855  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (48)...(997)  
 <223> similar to gi5596433 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8140
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ccaagctgca gacgggctgg tccgtgcaca cctaccagac ggagaagcag aggaggaagc      180
agcacctcag cccggcggag gtggaggcca tcctgcaggt catccagagg gcagagcggc      240
tcgacgtcct ggagcagcag agaatcgggc ggctggtgga gcggctggag accatgaggc      300
ggaatgtgat ggggaacggc ctgtcccagt gtctgctctg cggggagggtg ctgggcttcc      360
tgggcagctc gtcggtgttc tgcaaagact gcaggaagaa agtctgcacc aaatgtggga      420
tcgaggcctc ccctggccag aagcggcccc tgtggctgtg taagatctgc agtgagcaaa      480
gagaggctct gaagaggctg ggggcctggt tctacaaagg gctccccaag tatatcttgc      540
ccctgaagac ccctggccga gctgatgacc cccacttccg acctttgccc acggaaccgg      600
cagagcgaga gcccagaagc tctgagacca gccgcattca cagtggggcc cgaggaagag      660
tggtttccag tgacagtac agtgactcgg atcttagctc ctccagccta gaggacagac      720
tcccatccac tggggtcagg gaccggaaag gcgacaaacc ctggaaggag tcagggtggca      780
gcgtggaggc ccccaggatg ggggtcaccc acccgccggg ccacctctct ggggtgccaga      840
gcagcctggc cagtggtgag acggggacag gctctgctga ccgcccaggg ggaccccggc      900
ccgggctgac ccgaaggggc ccggtaaaag acacacctgg acgagcccc gctgctgacg      960
cagctccagc agggccctcc agctgcctgg gctgagggtg ctgggtgcctg gaacagactt     1020
ccctgtggag gattcctgcc agaccctgcc cggtcctcc ctgaccggtc cttgtgccct     1080
caccagacac cctgttgccc atgactcaac aaaccagtgt tgggagccgt ctgcctcccc     1140
agctcagtgc ctttctgcac cccttctctc ctggggagct gtctgcattc gccacccctt     1200
ccaaccactg ccctcagccc ccgaccttat ttattacct cccctccac acccccaatc     1260
tacctggtga tgattttaag tttgcgcgtg tcttgggttg ggctgggggg tttcccatat     1320
gcagtgtcag aggggccgcc cgggtggggt atctcgttg ctatattaat ggcaagacta     1380
aatgaaacct agggcacggc ctccgaagct gcgtgtggcc ccttagaggt gagcatcaga     1440
gccagagcag tgagggggag actcaccac cctctccctc tcccttcagc tctgggaggc     1500
aggcgcagtg cccccctccc gtgggctggc ccaggaccgc gggtgaaacc tgggtctgtt     1560
tagtttcttt ggtttttgta tgtttgtttg tttttgacac agtctcgctt tgttgcccag     1620
gctggggtgc agtggcacga tcgcggtca ctgcaacctc cacctcccgg gctcaagcga     1680
ttctctcacc tcagcctcct gagtaggtgg gattacagat gcccgccacc acaccagtt     1740
aatttttgta tttttagaag agatggggtt tctccatgtt ggccaggctg gtcttgaact     1800
cctggtctca agtgatccgc ccgcctcggc ctcccaaagt gctgggatta cagggg      1855

```

<210> 8141  
 <211> 2165  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (80)...(1255)  
 <223> similar to gi5689799 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8141  
 gcccactggc cagggagggc gccgcgcgga ggcgcgttcg tgtctcctgt caaaagccat 60  
 gctcgggagg tctgggtacc gggcgctgcc cctgggtgat tttgaccgct tccagcagtc 120  
 gagcttcggc tttctgggct cgcagaaggg ctgcttgtcc ccggagcggg gcggcgtggg 180  
 gacagggggc gatgtacccc agagctggcc ctctgcctc tgtcatggcc tcatcagttt 240  
 cctgggggtt ttgctgctgt tggtcacctt ccccatcttct ggctggtttg ccctgaagat 300  
 tgtgccacc tacgagcgga tgattgtgtt ccgcctgggc cggatccgca cccccaggg 360  
 acctggcatg gttctgctct tgccttcat tgactcctt cagaggggtg atctgaggac 420  
 acgagccttc aacgtccctc cctgcaagct ggcctctaag gacggggctg tgctgtccgt 480  
 gggagccgat gtccagtttc gcatctggga cccggtgctg tcggtgatga ctgtgaaaga 540  
 cctgaacaca gccacacgca tgacagccca gaacgccatg accaaggccc tgctcaagag 600  
 gccgctgcgg gagatccaga tggagaagct caagatcagc gaccagcttc tgctggagat 660  
 caacgatgtg accagggcct gggggctgga ggtagaccgc gtggagctgg cgggtggaggc 720  
 cgtgctccag ccgccccagg acagcccagc tgggcccac ctggacagca ccctccagca 780  
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 tgccaggctc agtccgaagc agcctctggc ggaggggcta ctgactgctc tacagccctt 960  
 cctgtctgag gccctggtca gccaaagtcgg ggctgctac cagttcaatg tcgtcctgcc 1020  
 cagcggcacc caaagcgcct acttcctgga cctcactaca ggacgaggaa gagtgggaca 1080  
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 gctgggtgca cgggtgtgatt ccaggaggag agccaggcct gccctgccct gctggcttcc 1560  
 tgactggaga gacaggaccc acagaaacag cctgacagca gctggtttgg tccttgtgtg 1620  
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 aaaaaagggg gggccgtttt aaaggatcca attttacttc cgcgggcttg caaggtaata 2040  
 tttttttttt ggggccccca aaattaaatt ccccgggccg gggtttaaca acgggggggg 2100  
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 gggggg 2165

<210> 8142  
 <211> 1333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1272)...(737)  
 <223> similar to gi5114045 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8142  
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 gatctcagct cactgcaacc tccacctcca gggttcaagc aattcttggtg cttcagcttc 120  
 tgcatagctg ggatgcccag ctaatttttg tatttttttt agtatagatt ttggccaggc 180  
 tgggtctcaa ctcctgacct caagcaatca gcctgccttg gcctcccaa gtactgggat 240  
 tacaatctga tttagtttta caaatgacta acaaaacttca aaaaacattc atagagtcaa 300  
 taatgtatta tacatcttag atttatacat ttcatatatg cttttaaaagc ttcaattaac 360  
 agttcaatac aaaattttaa aacaaatata tgcagcagtg gttctcaggc acagaactga 420  
 ggaggagact ggagcaagtc ttttccctag gcatacatta cccgtggata ctatgaacca 480  
 tgagagtggg atgtttcctt ctgacctagc tgcctttttg attgaatttt gttacaatga 540  
 acagctttaa taggtatgat attgctaact ggaaacaatg agatttaaaa taaattgata 600  
 acctgtatth tcttgaagtc tttaagacct aaaatgatta cttttctcct aatagagctc 660  
 cagaatcatc caatgaaaat aatattgtcc ataaagcatc tagagtatct gcctaagaac 720  
 cactgcccag gggtattcaa tgtcttcagg cctcacagga tgaggtaatg gtatgatgga 780  
 tttctttctc gtatccctgg aaagtgcttt cctcatatca taagcgtcct catcaggctc 840  
 cccgttgctg gccgaatagt actctatgac cgtcctatat aactgtagc ccaactgctt 900  
 gtacatgtta actgcaactt ggtagatac tcttaciaag agatccacaa aaaatccacc 960  
 ctttctttct gaaatctcct ctagtaactc cataagttha gcagccaaac caaggcgtcg 1020  
 aaattctggg gcaacagaca gagctgtgac gtgcccgtgc cattcttccc tagctactga 1080  
 gccttctgct ttaccataa tataacccat taattctcca ccagggtgct ctgcaacaat 1140  
 gaaatactct ggccagtggg cgaggtattg taggtagaaa ggaatcccat aagtttctgt 1200  
 aagtggatcc aagttaatgt tgttgaagcg gaacaggctg tcgcaggtaa aggccgtag 1260  
 cgtggatcat gcgcccgcgc cgcttccgaa gaccgttcgc caagaccccg cgcccgcctt 1320  
 gccggaagtc tcc 1333

<210> 8143  
 <211> 2560  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1991)...(1294)  
 <223> similar to gil729769 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8143  
 ctcgagagaa aactaggct cagtcctctg atgcccctca tctctagata gaaaacaaac 60  
 attccagcag aaggaatagg agtgatgaga ctgctgtacc tgagttcagt aagatttcat 120  
 tttttctgga taaagtactt tccaaatgca agatggcaca tctcttaagt tctgagagcc 180

ccactaacc	atcctctacc	aagattgctt	atctagcgca	ggacaaatgt	gaggaggcag	240
cccacagccc	agcacatgtg	gggcaccatg	ttagcgtgtt	taggctgagc	attgggtttc	300
tgctggacaa	gtgtgtcatt	aactccctga	aacaggaaaa	gccttatggg	cataaacttg	360
gctcctgatt	aacttgactg	agtcattcct	gtcaacatgc	tcttctagt	aacctccaat	420
gcatctggca	tctttgacag	ttgccacttc	ctttgtgcat	agagccagga	agagcaatgt	480
ggacactacc	agaagtccaa	cattttcctg	ggccttccga	tctctcatgg	gccccatacc	540
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ttcctcagt	gcccctcttct	aatccctcca	acaccctaac	ccacatagcc	tcttcttttg	660
tgtatccttt	agcctctccc	agatccctgt	caggttgatc	cttctccacc	ttactctgga	720
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ccaagatctc	actctccctc	tgttagtctt	ccttctgagt	tggatgtttc	cttctcatag	840
gtcatccctc	cccccaagga	gcccctccct	ttctggccct	tttccacctc	ttcctaagca	900
gtcacctcct	cctctctccc	caagacagcc	aatctcttgt	tccttccccct	gccccctcca	960
gaccagacca	gctaaatcca	gtgccatttt	taaatgactg	attatgattc	tagctgaact	1020
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atTTTTtaga	gcaaaacaac	agttaatgct	ggcaaagatg	tttagttatc	agggattcca	1200
taagctttca	atacactgaa	aggcaacatt	ttttgcatgt	ctacaaatta	tacatttggt	1260
tccacacatg	tgccaaattt	taccctaaca	gttaggactt	tttcaccaa	tcgtagacat	1320
agatatggaa	atcatcatca	aacttgatga	aatacacaga	gggtttggct	tccacttggt	1380
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ttaggccatc	tacaactcct	cctggctccc	tctctgttgg	aggagactca	ctggattctg	1500
gcatgatgcg	gagggtcacct	tccttataat	catctagaag	ctggtacatg	tacaagacag	1560
gatctttctc	ataggtaata	taaaaccagg	ctttcatgat	aggtgcttga	gctaagacca	1620
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gaattttaag	agacaaaacc	ctttcatctc	tgtgaagttc	cagtccatag	acacagtcaa	1800
ttccatcata	tttcaccaga	taaagagagg	gatttatagg	cacctgatcc	agaacggttc	1860
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cgatgttcct	gcagggttgg	gatgaaggtc	tgccctctctg	cttcttttgg	gagacttttt	1980
tctttgtcat	gtttgcagac	ccagtggccc	gtcctgcagc	tgccctgggt	tgttgccctt	2040
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ataccagtg	tgccacaagg	caaacttttc	cctatagcca	tgtctggatg	tagtctgcgc	2160
tagtgcttaa	gtttccctta	ggagcctgga	agcaatgctg	gaaatcctgg	ctgcatgcc	2220
gcagtgtctc	ccctcttaag	ttcctttggg	ctgtggggaa	gggctggggg	ggtgcagtag	2280
agctgtctgg	ggttaggaac	tctgcagaag	tggctggggc	acctctctct	agctcagagc	2340
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ccccctgcct	accctaacca	cttctatggg	accaccgcgc	cttgettccc	ggcgctcacc	2520
ttcaaatcct	tgtatggctc	ccgttcctac	ccccttttca			2560

<210> 8144

<211> 3369

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (74)...(2735)

<223> similar to gi5281314 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



<400> 8144

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<210> 8145

<211> 3722

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (320)...(1591)

<223> similar to gil469179 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8145

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ggggtgggcg	gtagagggga	ggttgggggt	ggagcagcgg	cgagggggcc	cctcccttgc	180
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<210> 8146

<211> 1139

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (66)...(1142)

<223> similar to gi3378206 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8146

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<210> 8147

<211> 3395

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(1315)

<223> similar to gi4826454 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8147

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<210> 8148

<211> 4794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (64)...(2134)

<223> similar to gi5689471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8148

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<210> 8149

<211> 3707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3606)...(2911)

<223> similar to gi929615 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8149

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<210> 8150

<211> 4684

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4670)...(3199)

<223> similar to gi3882309 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



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<210> 8151

<211> 4746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4747)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (4322)...(611)

<223> similar to gi3882205 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8151

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<210> 8152

<211> 2139

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1964)...(1583)

<223> similar to gi3176438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8152

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<210> 8153

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1567)...(887)

<223> similar to gi4454690 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8153

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<210> 8154
<211> 3474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (112)...(793)
<223> similar to gi2649280 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tgcctgttac	cccctgtctc	cactgtcact	ggagatgaga	acatttctga	tagtgaaata	1260
gaacagtatt	tgcgtacccc	tcaggaagtt	agggactttc	agagagccca	ggctgtctaga	1320
caggctgcca	cgagtgtccc	taacctctcc	tgatggatat	ccactgggag	cacttcatcc	1380
tgttctgaca	gcttgataac	attcctgtta	taaccaagga	tggagtgta	caccagtccg	1440
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ggtcctggag	taaagtcagg	agtgcagggg	tgactatagg	taggagagat	tccatccctc	1560
tgggtgtggga	gagcaagttg	cctatgtcca	tgttctgtga	gatggctttc	ctcatagatg	1620
gatgggaaaa	tgtcaggctc	tttgcgtgctg	gtttgaattg	gacacactgc	tgcggctcct	1680
cctgcaggcc	tgagggggct	tccctctgct	tgtggagtgg	ttggcattcc	cagcagtatc	1740

aaccctcaaa	ggagcgggaa	ctggggaatt	ctggccctac	gtgcattcac	aggcaatgat	1800
gggtttgtgt	gtatggtgtc	atgagatcct	ctacctcata	acaaaaggac	agtgggtaga	1860
ctaaggcagt	agctcaaagg	gctttgcaaa	attttaatat	attaaaacaa	gaggcatctg	1920
ctagaaaaca	ttctattgta	taaaacccga	gttcttaaaa	acatgttttc	tttggcactt	1980
tcattccctc	cctccccctt	ccccagcata	ttgcaaaaag	ctctccagtg	ctaaggcatt	2040
ggcaggggtg	gtaaacagca	gccagcatat	gtggaagaat	aatacaaagc	tttttttttt	2100
cttctaatat	gtctgtgcag	caagcataaa	taacaggacc	cattccaagg	agtgtgtgtg	2160
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tcctcgggtt	tccatttggt	cctgtagtga	aatgctgggt	gttggtttta	ggttggggaa	2340
aagacgggtg	ctgggtgtta	aaaggagtaa	aggcataggc	ccctcatgac	ctgcagggac	2400
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cctgccctct	ccctctactc	ccctcagttc	acccacaggc	acctggcagt	cagctgttga	2760
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tgtgggcttc	ctccagccat	cggctcctct	gcctccaacc	tgctgactac	ggagacacct	3420
tggagggccc	cgaggagcgg	gggaacgagc	cgcgtggcca	gcccgtctac	cgcg	3474

<210> 8155

<211> 1973

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1774)...(956)

<223> similar to gi285993 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8155

tttttttttt	ttctctccaa	gtccttcctt	taatgtcagg	tagtgcttca	acccaaacac	60
aagcagtata	cataccatag	agaaagggac	ctgagggcat	ctgagtcatg	catgggtgtg	120
tacatacaaa	ccttggccca	gcccaaagga	gcagtcaagg	gcctggaaga	aagatggttt	180
gctctttccc	cctcctctc	tctctttcct	accgggctta	aagtccgtgg	aagagaaagt	240
ttttaatcag	tggaaactgat	aaggcctcag	ggcctgtggg	ggtagatttg	gttggttcagt	300
aatataaaat	gtgtttaaga	aaaaaacacg	cccaggcttc	ccagcagtag	cccatgtgtt	360
ggctgggttc	gcagcctgac	ctctacatct	agacaaggaa	gtgaggaggg	tgattgctgg	420
gcattgggtg	aggtttatga	cggagcagca	taagattttc	cgtgccctgt	gaacacgtat	480

acaaacattc	atagccctt	cccctcagcc	ctgctctgct	gcaaggaagc	tgctgagagt	540
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aagtcagtca	tttaggacct	attttcacac	aggggcaagg	aaaaaccaga	aacaacttct	660
ctcttacctt	ttaaactaag	atacttcatt	ctacacgatt	acctgaaaca	aatgtctcag	720
gtcaaatac	aagccttagc	ttctgctagg	gtttgaagtc	tgggaaatat	ataatccagc	780
tcttctcttt	cagtccaagc	tctagcttgt	cagcaagact	gttgacagaag	atctatcctt	840
aagaggcaga	aacatctgcg	gtgaggaagg	cagctattga	aggtattcca	ggagcatgag	900
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gagcaaactt	cctccttagg	acctcagaga	taagcacagc	agggctcttc	tccttcaata	1020
aactccgggt	cagatcttga	ctctgtttca	ttcggtgaaa	gtccttcagg	atacccatca	1080
tgtctgcaaa	gctgctggcc	ttggacaaag	agacgcagtc	atcctcttca	gacgaactgc	1140
aggcagcttt	gtgttctggt	ttgcaacatt	cagggctggc	agaacaaagc	agggggactg	1200
atggaagctc	agggacctcc	acctctgtct	cctcgggtgat	gtcactaatg	acaaaggaag	1260
ttgtagagtg	gaatgaggat	ccaaaacaag	gtaagggaga	agagacattt	gaacttcctg	1320
gagataagaa	atctggcggt	aatgaagccg	aagctgcata	agctgccact	atctttgcaa	1380
tctggctgcg	caagtggctc	agctcgtcct	gcagctcagt	agtgcggctt	agggctggca	1440
gagctggctt	cttcagggcc	agaagcctct	cctcggaccc	acgcagggtg	ggaacagagg	1500
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acatttgaac	cagctcctgc	acttgaagga	caaggcagcc	actgggcagc	tccgggaggc	1860
gggaggcgtg	actccttcac	atcaggccat	ctcaagctcg	ggctcccggg	ctctctcacc	1920
tcacggcccc	tccttcacac	ttggggccgc	cagcctcgtg	ccaagcttgg	cgt	1973

<210> 8156

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (34)...(704)

<223> similar to gi34834 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8156

ggctgggtggc	aggaacaagc	cctttccgac	cccatggagc	tgtatgagac	atccccctac	60
ttctaccagg	aaccccgctt	ctatgatggg	gaaaactacc	tgctgtcca	cctccagggc	120
ttcgaaccac	caggctacga	gcggacggag	ctcaccctga	gccccgaggc	cccaggggccc	180
cttgaggaca	aggggctggg	gacccccgag	cactgtccag	gccagtgcct	gccgtgggcg	240
tgtaaaggtgt	gtaagaggaa	gtcgggtgtc	gtggaccggc	ggcgggaggc	cacactgagg	300
gagaagcgca	ggctcaagaa	ggtgaatgag	gccttcgagg	ccctgaagag	aagcaccctg	360
ctcaacccca	accagcggct	gccaagggtg	gagatcctgc	gcagtgccat	ccagtacatc	420
gagcgctcc	aggccctgct	cagctccctc	aaccaggagg	agcgtgacct	ccgtaccggg	480
ggcgggtggcg	ggccccagcc	aggggtgccc	agcgaatgca	gctctcacag	cgctcctgc	540
agtccagagt	ggggcagtg	actggagttc	agcgccaacc	caggggatca	tctgctcacg	600
gctgacccta	cagatgcccc	caacctgcac	tccctcacct	ccatcgtgga	cagcatcaca	660
gtggaagatg	tgtctgtggc	cttcccagat	gaaaccatgc	ccaactgaga	ttgtcttcca	720



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actatccccct	tcctcatcca	tgtaaggtta	accaccccc	cagcaaggga	ctggacgccc	900
tcattcagct	gcctccttag	aggagagggc	atcccccttc	cagggaggta	aagcagggga	960
ccagagcgcc	ccctcgtgta	tgccccagct	cagggggcaa	actcaggagc	ttccttttta	1020
tcataacgcg	gcctctaatt	ccacccccca	agtgaacg	tttgagagac	gcagtgcctt	1080
gacctggaca	agctgtgcac	gtctcctgtt	ctggtctctt	ccgatgcc	gtggtgggc	1140
tgggcctgcc	ctgaattgag	agagaagaag	ggggagagga	acagccctct	gttcccaagt	1200
ccctgggggg	ccaaactttt	gcagtgaata	ttgggaacct	tccagtgggt	ttatgttttg	1260
ttttgtttcg	tgtgtgtgtt	gtaaagctgc	catccgacca	aggtctcctg	tgctgaagtt	1320
gccggggaca	ggcagggaaa	aggggttggg	gcctcttggg	ggtgatttct	tttgtaaca	1380
aagcatcgtg	tggttttgcc	attgatttgt	atTTTTTTTT	TTTTTTTTtg	ggcaactaa	1440
ttggaatccc	TTTTTAAAA	AAAAA				1465

<210> 8157

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (185)...(1493)

<223> similar to gi34192 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8157

tttcgtcgcc	cctcctgcac	ggaggagtcg	ttctgcttcc	gcggcgccat	ctggatggag	60
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gcctcctggg	ttcaagcgat	tctccgcct	cagcctcccg	agtagccggg	attatagaac	180
cacaatggac	actgccagcc	atagccttgt	tcttctccag	cagctgaaca	tgcagcgaga	240
atttggtttt	ctgtgtgatt	gcacagttgc	aattggagat	gtttacttca	aagcccacag	300
agcagtgcct	gctgcttttt	ctaactattt	caagatgata	tttattcacc	aaacaagtga	360
atgcataaaa	atacaaccaa	ctgacatcca	acctgacata	ttcagctatt	tgttgacat	420
tatgtacacg	gggaaagggc	caaaacagat	tgtggatcat	agtcgttttg	aggaagggat	480
tcgatttctt	cacgccgact	acctttctca	cattgcaact	gaaatgaatc	aagtgttctc	540
accagagact	gtgcagtcct	caaatttata	tggcattcag	atctcaacaa	cccaaaaaac	600
agttgtcaaa	caaggactgg	aggtcaaaga	agctccttcc	agtaacagtg	gaaacagagc	660
tgctgtccag	ggtgacctcc	cccagttgca	gttgtctctt	gctattgggtc	tggatgatgg	720
cactgcagac	cagcagaggg	cctgtcctgc	cacccaggcc	ctggaggagc	accagaagcc	780
cccagtttcc	atcaagcagg	agagatgtga	cccagaatct	gtgatctccc	agagccaccc	840
ctcaccctca	tcagaagtga	caggccccac	ttttactgaa	aacagtgtca	aaatacactt	900
atgccattac	tgtggggaac	gttttgattc	ccgtagtaac	ctaaggcaac	atctccatac	960
acatgtgtct	ggatccctgc	cattcggtgt	ccctgcttcc	attctggaaa	gtaatgacct	1020
tgggtgaagtg	catccccctta	atgaaaacag	cgaggccctt	gaatgcgcga	ggctcagctc	1080
cttcattgtt	aaggagaatg	aacagcagcc	agaccacacc	aaccggggta	ccacagagcc	1140
tttgacagatc	agtcagtgt	ctttgatctc	caaagacaca	gagccagtag	aattaaactg	1200
taatttttct	ttttcaagga	aaagaaaaat	gagctgtacc	atctgtgggtc	ataaattccc	1260
tcgaaagagc	caattgttgg	aacacatgta	tacacacaaa	ggtaaattctt	acagatataa	1320
ccgatgccaa	aggtttggta	atgcattggc	ccagagattt	cagccatact	gtgacagctg	1380
gtctgatgtc	tccctgaaaa	gttctcgctt	gtcacaagaa	cacttagact	tgcttgtgc	1440

cttagagtca	gagctcacac	aagaaaatgt	ggatactatc	ctagttgagt	agcagcttct	1500
ctttcagaat	ttttatacca	attctgaaaa	agaaaatttg	cgtggcattt	ttaattcata	1560
aattattttc	ctcctcaagt	ttcattgact	ttttttcttc	acagcttata	catggtttta	1620
aggttgtata	tattagatct	tctcataaga	catattaata	tgtggctatt	aaaatgtaac	1680
attcaattac	tactgtgaac	ttttcacaaa	cgaataaca	atttagaaat	cagaaatcaa	1740
tgtagaaata	tggaacctt	aaatagttat	ttatagaatt	ctaagttttt	ccagttatag	1800
aatcagtaaa	at					1812

<210> 8158  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(178)  
 <223> similar to gi37238 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8158						
gcagaactta	ccatgtcgac	cagccgcaaa	ttaaagagtc	atggcatgag	gaggagcaag	60
agccgatctc	ctcacaaggg	agtcaagaga	ggtggcagca	aaagaaaata	ccgtaagggc	120
aacctgaaaa	gtaggaaacg	gggcgatgac	gccaatcgca	attaccgctc	ccacttgtga	180
gccccacg	ggctctgccc	tggtgcgctt	cacacagcac	caagcagcaa	caagaacagc	240
agaaggggaa	ctgccaagga	gacctgatgt	tagatcaaag	ccagagagga	gcctatggaa	300
tgtggatcaa	atgccagttg	tgacgaaatg	aggaatgtat	atgttggctg	tttttcccca	360
acatctcaat	aaaactttga	aagcagaaaa	aaaataaaaa	aaaaa		405

<210> 8159  
 <211> 1976  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1768)...(1244)  
 <223> similar to gi5360109 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8159						
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tgcattaatc	cacttttcta	accacctttt	aagctttaat	ttttaacact	atacaccaag	120
tctttgaaat	cagtgatctg	ttattttaact	ctaaagcatt	tgacacttct	tgcttaaca	180

gttttaaaaa	ccacacacaa	aaaaactctg	taagtaatac	agtaggccaa	aagtttcac	240
ctatctatct	tgcagtttac	ctatctgatc	tgatctctgt	aattatagtt	ctgtcattta	300
aaatatacta	tttaaactta	atttttacat	ttcaaaaatt	atcttcagta	gtaactaagt	360
atattttctg	tggattctga	gaatgttatt	tttcagaatg	tgagaataca	tatgtacatt	420
tataatcttg	tgacttttaa	gtctgttttc	agatacagta	tgtaaatact	tgtaaaaaaa	480
tttgtataat	tttgtgataa	tgtagtttcc	caaaaaaatt	atctagaagg	cattatgtta	540
ttagtaaatg	agagcactgt	atagaactgt	tcctattttc	tgcacttgcc	attccagctg	600
cctccactgt	ccatacccac	ctcattcatc	ctgtcacaga	aggcaggaaa	actgggaact	660
ttaccaaagt	agcactcagc	ctgagaggcc	tgtataatca	tgcttttcaa	actaaattca	720
cttaaaaatt	aaaaagcaga	attgaatatt	ttaagcagcc	tcagtacctt	tggccaatgc	780
tgttttcatg	gtggattatg	aacattatat	aatctttggg	aaaagtgaag	gtagtacaat	840
ttttagaata	atgacaactg	cctcactgca	tctctccact	cacacagcaa	ccgtgtagcc	900
ccctaagctg	cagtaccatg	actaaccatg	atgtcaattt	catatgctga	tcctcacaac	960
agcagtgcac	aaacatgccc	caaataattt	aacagaattt	agctcttcct	taagctgtct	1020
tttcatagta	aaaacaaaa	aaaaacaccc	aatgttaaaa	ccacataata	aacttacaaa	1080
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ccggtcttgt	acattgagtg	ttaaacctac	aatgttttgg	atgatagaag	ggacattcca	1380
tcttcttaca	agcaggggaag	taacggcaga	gctgactact	ggaagggtgt	gctggtggtg	1440
caactgctgg	ttttggagac	agtactggaa	ttcttctact	cacatgagtg	aagggaacaat	1500
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caaattttaca	attgggggaag	gctttgcagg	gtgagatggg	gtgatggtag	gcacactcat	1620
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ccacactcag	ttcactcatc	tcagcgttag	aaaagctacc	atttgggtcc	tcaagctgcc	1740
tgctcagcaa	gtgcaactgc	tgtgggtgga	ggagacctct	gagtccttgc	tttgaggctg	1800
cagtttggtt	tacgggtttc	attccttcaa	agcacatgtc	ctcctcttga	tctgacatgt	1860
atcctggggg	gctggggaca	ccatccagcg	tcactataaa	cttgggactt	gcaggtttat	1920
ctggttgtac	aagatctcgt	gtctgcataa	ggtgtcctga	aagtaccgca	agggaag	1976

<210> 8160

<211> 3629

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (97)...(3030)

<223> similar to gi3300094 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8160

ccggctcgac	ggctcgggtca	ccgcctcgct	gtcgctcgcg	cgccccgggc	cgctctctgt	60
ccgtaccgcc	cccggagcca	gggcccagtc	ctcgccatgc	cggccccggcg	gctgctgctg	120
ctgctgacgc	tgtgtgtgtg	gtcaacgctg	gatggaagtt	tgcatgctgt	cagcaagagg	180
cctgaaacct	tggtgtgtgt	gtcaacgctg	gatggaagtt	tgcatgctgt	cagcaagagg	240
acagggtcaa	tcaaattggac	tttaaaagaa	gatccagtcc	tgcagggtcc	aacacatgtg	300
gaagagcctg	cctttctccc	agatccta	gatggcagcc	tgtatacgt	tggaagcaag	360
aataatgaag	gcctgacgaa	acttcctttt	accatcccag	aattggtaca	ggcatcccca	420

tgccgaagtt	cagatggaat	cctctacatg	ggtaaaaagc	aggacatctg	gtatgttatt	480
gacctcctga	cgggagagaa	gcagcagact	ttgtcatcgg	cctttgcaga	tagtctctgc	540
ccatcaacct	ctcttctgta	tcttgggcga	acagaataca	ccatcaccat	gtacgcacac	600
aaaacccgag	agctccggtg	gaatgccacc	tactttgact	atgcggcctc	actgcctgag	660
gacgacgtgg	actacaagat	gtcccacttt	gtgtccaatg	gtgatgggct	ggtgggtgact	720
gtggacagtg	aatctgggga	cgctcctgtg	atccaaaact	acgcctcccc	tgtgggtggcc	780
ttttatgtct	ggcagcggga	gggtctgagg	aaggtgatgc	acatcaatgt	cgctgtggag	840
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ccgttcccca	aggagacaga	ggccaagagc	aagctgacgc	ccactctgta	tgttgggaaa	960
tactctacca	gcctctatgc	ctctccctca	atggtacacg	aggggggttg	tgtcgtgccc	1020
cgcggcagca	cacttccctt	gctggaaggg	ccccagactg	atggcgctac	catcggggac	1080
aagggggagt	gtgtgatcac	gcccagcacg	gacgtcaagt	ttgatcccgg	actcaaaagc	1140
aagaacaagc	tcaactactt	gaggaattac	tggtctctga	taggacacca	tgaaacccca	1200
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<210> 8161  
 <211> 920  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (276)...(752)  
 <223> similar to gi5817244 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8161

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gaggcgatgc	acatgatact	atgctatgca	cagtgttttc	atgtgggcca	tggtataagc	180
cccacagaag	ccctatcagc	catgagtgga	agcttcctga	ggccctcact	ggaagcagat	240
gctgatacca	tacttcttgt	acagtctgga	gaactgccaa	agaagccctc	gaaaatactg	300
aagttcctgt	tggctgtctt	atgggtctaca	acaatgaagt	tgtaggggaag	gggagaaatg	360
aagttaacca	aaccaaaaat	gctactcgac	atgcagaaat	ggtaggcatc	gatcaggtcc	420
tcgattgggtg	tcgtcaaagt	ggcaagagtc	cctctgaagt	atgtgaacac	actgtgttgt	480
atgtcactgt	ggagccgtgc	attatgtgtg	cagctgctct	ccgcctgatg	aaaatcccgc	540
tggttgatata	tggctgtcag	aatgaacgat	ttggtgggtg	tggctctgtt	ctaaatattg	600
cctctgctga	cctaccaaac	actgggagac	catttcagtg	tatccctgga	tatcgggctg	660
aggaagcagt	ggaaatgtta	aagaccttct	acaaacaaga	aaatccaaat	gcaccaaaaat	720
cgaaagttcg	gaaaaaggaa	tgtcagcaga	tcttgaacat	gttctgatga	aagaaccaag	780
tgacccaaag	tgacctggac	aagattcata	gactgaaagc	tggtgacatc	gttgaatcat	840
atgttttatat	attgttttta	atctgcagga	aaatgggggc	tctcatcatt	tgctctgtaa	900
gggaacaaaa	tagcactttt					920

<210> 8162  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (743)...(369)  
 <223> similar to gi3876766 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8162

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atcttggctc	agccaattcc	caccagttt	ccaggagtct	catttgcatt	tccgggagca	180
gctgtccaat	gggaaggcag	caccctgccc	ccccccacaa	gggggcggca	ctcctgggtg	240

atcgcaccac	tcttgggatc	cagggatggg	gggaacgggc	ttccactgag	gtccgggtga	300
caggaggggtg	gtcttccctc	aaggcagggg	tggagttcag	tggaggaggg	agttctggcc	360
ttggaagagg	cccagcagtc	cgctgtctgg	ggcgggctcc	ttgatgagtt	tctggatctc	420
cttgaactgg	gggtggacgg	catcgccac	aagctgcaga	atgagccctt	cgctgggtgga	480
gaggaaggca	ccactctgtc	tcatgcgggc	cagagccacc	agccgggtcca	cctgggtgcg	540
tgaggagcag	gcgtccacca	ccacatggac	ctgcagcccc	cggcttagga	ggtccagggg	600
cgtgttcttg	agcatgcggg	cagccactga	gacgatctgt	gggaagtagg	cgatgttgtg	660
gcggaacttc	tcttgcattg	cacacaggaa	caggacagag	gatcctggga	ggactcggcc	720
caggctgggc	ctggcagccg	ccattttccg	gaaggtgccg	ggttcgagcc	cggaacggcc	780
cctctgcagg	tgaggcgggg	gcacctcac	ctctcggcgc	tgggacggcc	accgctgagg	840
cctcttgccg	gcttcccagg					860

<210> 8163

<211> 4670

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (23)...(1054)

<223> similar to gi4589544 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8163

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ggccaccgcg	gcctcaggga	ccccctcccc	gagagacggc	accatgaccc	agggaaagct	120
ctccgtggct	aacaaggccc	ctgggaccga	ggggcagcag	cagggtgcatg	gcgagaagaa	180
ggagggtcca	gcagtgcctt	cagccccacc	ctcctatgag	gaagccacct	ctggggaggg	240
gatgaaggca	ggggccttcc	ccccagcccc	cacagcgggtg	cctctccacc	ctagctgggc	300
ctatgtggac	cccagcagca	gctccagcta	tgacaacggg	ttccccaccg	gagaccatga	360
gctcttcacc	actttcagct	gggatgacca	gaaagtctgt	cgagtctttg	tcagaaaggt	420
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ctgtgaccct	gtcaaggact	atgtccaggc	caaccacggc	tggtactggg	catcatatgc	540
tgtgttcttt	gcaacctacc	tgacctggc	ttgtgttct	ggaccagga	ggcatttccc	600
ctggaacctg	atttctctga	ccgtctttac	cctgtccatg	gcctacctca	ctgggatgct	660
gtccagctac	tacaacacca	cctccgtgct	gctgtgcttg	ggcatcacgg	cccttgctctg	720
cctctcagtc	accgtcttca	gcttccagac	caagttcgac	ttcacctcct	gccaggggcgt	780
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tgcaagttcc	ccagtgtccg	cacctgttcc	cttccctgac	ctcaccttcc	tggggtctgt	4620
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<210> 8164
<211> 2624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (340)...(1443)
<223> similar to gi3036840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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agacgctgag agaacctttg cgagagcgcc ggttgacgtg cggagtgcgg ggctccgggg      180
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caagtgcacat ctcaaaatgt tggacaactt actgtttatc tacatggaaa tctctccaat      660
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tttctttaag gcttcaggca gcgcgcacag gctctggcag ccgtctcagg caggactggg      1740
cagcaagctt gcagccgaag gccttgcccc aaactaccag cgtttctgca agcagcttga      1800
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gggcctgggt tttgaattaa agccccctcg cttcaaaaaa aaaa 2624
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<210> 8165
<211> 1544
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (1)...(1545)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (301)...(1296)
<223> similar to gi3256005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8165
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tgggctcaaa tgatcctcct acctaagcct gcagagtagc gaggacttca gttttcttag 180
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tccgactact caccctcgag gttaaagaacc ttcggctcgc gtgcttctga gctgctgtgg 300
atggcctcgg ctctctggac tgtccttccg agtaggatgt cactgagatc cctcaaattg 360
agcctcctgc tgctgtcact cctgagtttc tttgtgatgt ggtacctcag ccttccccac 420
tacaatgtga tagaacgcgt gaactggatg tacttctatg agtatgagcc gatttacaga 480
caagactttc acttcacact tcgagagcat tcaaactgct ctcatacaaa tccatttctg 540
gtcattctgg tgacctccca cccttcagat gtgaaagcca ggcaggccat tagagttact 600
tggggtgaaa aaaagtcttg gtggggatat gaggttctta catttttctt attaggccaa 660
gaggctgaaa aggaagacaa aatgttggca ttgtccttag aggatgaaca ccttctttat 720
ggtgacataa tccgacaaga ttttttagac acatataata acctgacctt gaaaaccatt 780
atggcattca ggtgggtaac tgagttttgc cccaatgcca agtacgtaat gaagacagac 840
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gagaagtttt tcacaggtta tcctctaatt gataattatt cctatagagg attttaccaa 960
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aaaccatca agtttgaaga tgtttatgtc gggatctgtt tgaatttatt aaaagtgaac 1140
attcatattc cagaagacac aaatcttttc tttctatata gaatccattt ggatgtctgt 1200
caactgagac gtgtgattgc agcccatggc ttttctcca aggagatcat cacttttttg 1260
caggatcatg taaggaacac cacatgccat tattaacttc acattctaca aaaagcctag 1320
aaggacagga tactttgtgg aaagtgttaa ataaagtagg tactgtggaa aattcatggg 1380
gaggtcagtg tgctggctta cactgaaactg aaactcatga aaaaccaga ctggagactg 1440
gagggttaca cttgtgattt attagtcagg cccttcaaag atgatatgtg gaggaattaa 1500
atataaagga attggagggt tttgctaaag aaattntata gggg 1544
```

```

<210> 8166
<211> 7086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (484)...(7087)
<223> similar to gi4128033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8166
tttcgtgtga gtggggccgg gaccgcgaga gccgagccga ccttctctc cgggctgcg      60
gcagggcagg gcggggagct ccgcgcacca acagagccgg ttctcagggc gctttgctcc      120
ttgttttttc cccggttctg ttttctcccc ttctccggaa ggcttgtcaa ggggtaggag      180
aaagagacgc aaacacaaaa gtggaaaaca gttaatgacc agccacggcg tccctgctgt      240
gagctctggc cgctgccttc cagggctccc gagccacacg ctgggggtgc tggctgaggg      300
aacatggctt gttggcctca gctgaggttg ctgctgtgga agaacctcac tttcagaaga      360
agacaaacat gtcagctgct gctggaagtg gcctggcctc tatttatctt cctgatcctg      420
atctctgttc ggctgagcta cccacctat gaacaacatg aatgccattt tccaaataaa      480
gccatgccct ctgcaggaa acttccttgg gttcagggga ttatctgtaa tgccaacaac      540
ccctgttttc gttaccgcac tcttggggag gctcccggag ttgttgga aa ctttaacaaa      600
tccattgtgg ctgcctgtt ctcatatgct cggaggcttc tttatacag ccagaaagac      660
accagcatga aggacatgcg caaagtctct agaacattac agcagatcaa gaaatccagc      720
tcaaacttga agcttcaaga tttcctgggt gacaatgaaa ccttctctgg gttcctgtat      780
cacaacctct ctctcccaa gtctactgtg gacaagatgc tgagggtga tgtcctctc      840
cacaaggtat ttttgcaagg ctaccagtta catttgacaa gtctgtgcaa tggatcaaaa      900
tcagaagaga tgattcaact tggtgaccaa gaagtttctg agctttgtgg cctaccaagg      960
gagaaactgg ctgcagcaga gcgagtactt cgttccaaca tggacatcct gaagccaatc     1020
ctgagaacac taaactctac atctcccttc ccgagcaagg agctggccga agccacaaaa     1080
acattgctgc atagtcttgg gactctggcc caggagctgt tcagcatgag aagctggagt     1140
gacatgcgac aggaggtgat gtttctgacc aatgtgaaca gctccagctc ctccacccaa     1200
atctaccagg ctgtgtctcg tattgtctgc gggcatcccg agggaggggg gctgaagatc     1260
aagtctctca actggtatga ggacaacaac tacaaagccc tctttggagg caatggcact     1320
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gttgggaaga tcctgtatac acctgacact ccagccacaa ggcaggtcac ggctgaggtg     1500
aacaagacct tccaggaact ggctgtgttc catgatctgg aaggcatgtg ggaggaactc     1560
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```

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cctgtaaagt	caaagctatc	tcctctgaat	gatgaagatg	aagatgtgag	gcgggaaaga	6000
cagagaattc	ttgatggtgg	aggccagaat	gacatcttag	aaatcaagga	gttgacgaag	6060
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tttgccaagg	accaaagtga	tgatgaccac	ttaaaagacc	tctcattaca	caaaaaccag	7020
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tatgta						7086

<210> 8167

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (396)...(1718)

<223> similar to gi431321 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8167

tttcgtctca	cgctgtaat	cccagcgctt	tgggaggctg	aggctgacag	atcatctgag	60
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aaatttagcc	aggcgtggtg	gtgggtgcct	gtaatctcag	ctactccgga	ggctgagaca	180
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ggaatgcctt	caccgtgctg	gccatgatgg	actaccctta	ccccactgac	ttcctgggtc	1140
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ctcatggagt	gggggcttca	ctcaagcagc	tggcggcaga	gggaaggggc	tgaataaacg	1860
cctggaggcc	tggaaaaaaa	aaa				1883

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<210> 8168
<211> 1144
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (103)...(653)
<223> similar to gi35863 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8168						
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gtggtgctgg	gctcgggcgg	cgtgggcaag	tccgcgctca	ccgtgcagtt	cgtgacgggc	180
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gcggcgagc	ccaacggcga	tgagggtgct	tgctcgccct	gcgtgatcct	ctgaggcggc	660
caccgcgcgc	cggccgcgct	ctgcgcacaa	aagccaaacg	catccgactc	tctaaatgtg	720
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gggc						1144

<210> 8169  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (525)...(104)  
 <223> similar to gi2494140 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8169

tttttgattt	ccatgctatt	taatcaagta	atttacaatg	tacacattcc	tgagtataca	60
ccattgtggg	gatataaatt	attttggaat	tttctccatt	cagcttaaaa	gggtgtttctt	120
cccaagaaac	tgaacttttc	tgtcaaagtc	acttgatcga	ataggagaat	tggtgttcata	180
aaatggattc	attgaaaatt	ttatatataa	atcataaaca	tcagtaaaga	agttctttat	240
tccatcttct	tgtcttatgt	catgaagcat	aataaacctc	atatgccccg	cgggtgacaaa	300
tgctgacaca	aaccactcgt	tgaacttgtc	cacagttttc	aagtacatgt	tgttcgacag	360
ccacatgttc	tcacttacga	ggtcgagagc	agcatgagct	atgaactggg	tcagatgacg	420
atggtcgtct	ttggattctg	ccttcccagc	tggcaaaaac	tccatttcaa	aaactggatt	480
atcatggtga	ccaacaatta	caaagtagaa	gcttccagac	atggtcttca	atatatggct	540
cctcgggttc	ttcggcgggg	actccgcaag	tccagccagg	gaagagaggg	gcgggggcga	600
caaaggcaag	acaaggacac	cgccgtcccc	agtccttgtc	agctgagctt	ctgccactgt	660
cagttgtgcc	tgtgtcacta	ccgcctctgc	gtacaaggaa	ccaagccgct	tctcgcgctt	720
ttccgctccg	tcacttcggt	gacgtcatag	agcgccaaag	gccggaacta	gtgaaaacac	780
cagagaaaat						790

<210> 8170  
 <211> 1783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1705)...(270)  
 <223> similar to gi5114351 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8170

tccctgggtg	gtaggtatgg	atthagaaat	cggtccactc	agaacgcagg	ggctttcaaa	60
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attatatatta	gaatttgaga	aacccccctg	tgtgtctaata	ggctgccagc	gtgatgccag	180
agaaccctgg	caggtggcct	gcagtaagca	gaaggcccac	accttctgca	gagccaggag	240

cagtgcccca	gtcccccggt	ctgtgtctat	cctttcaccc	acatgggtcac	tgtggagatg	300
accatctgac	cagacttcgg	agcccccagg	cagaagaaaag	gctgcagggg	gcctgggaag	360
gtggcctggg	agtaggtgtg	caggtgggac	ccatcgctta	caactgtagaa	ggacacttcc	420
ccggcttcga	agtccaggaa	gatgcccattg	tggctgggag	gtcccatcag	catgaccggg	480
gttagggcag	agaaggtgga	taagtacttg	gtccccttgg	acagctgcac	caccagaag	540
ccgttttcgg	ggcacttggg	gacctgtct	ttccggctca	cgttgccct	gcacacaccc	600
agggcccaca	acgcgtcccc	ggtgatgttc	atgccacact	cccagtagtg	cctcccagag	660
gagaaggccg	tctggcccac	agcacagggg	taagccacaa	atcggtcctt	gctgcagaac	720
ccactgccct	ccggcgaaga	gccgaggtag	cgcctctggc	ggctctcata	caggaggagg	780
taggggtacg	cggaggtggc	atcaggcacc	acatcctcta	gaaagcctct	tagcacttca	840
atctgtccgg	gaactctgca	cacagtcctg	ggtctggttg	ggggggcaac	ctctgggcac	900
tgcacactca	cgttgttctt	cctgctcagg	ggttccttca	tgtcctgcag	catctggagg	960
ggcccctgtg	tgctccgctc	ctccagctgc	agcagcagca	gctccagaga	gtgaccctgc	1020
cggctccaggc	aggccacgct	ctcccggagc	ctgctggcag	tctcctcttc	ttccgtctcc	1080
agagcctgga	ggagcctctg	ctcttcttcc	accaggtaga	ggttcattct	ctcaaactcc	1140
agcacaatgc	gttctctccg	ctccttcacc	ttgcctgcc	actcggctaa	gctctgctcc	1200
tccttgccct	gcagattccc	tgtcctgggtg	atctgctccc	gaaggtaactc	catgtcctcc	1260
tccagcttca	acttgtaccc	ctgcaactgcc	tcctcggcgg	gcagcacctc	gtgcagccgg	1320
tgtctccggg	actccctgca	caccacacag	atggggctct	ggtccttctg	gcagaaaagc	1380
ttgaggggct	cgtgggtgctc	ctggcacagg	tcttgcttct	gcagaccagg	atgctgctgc	1440
gccatctcgg	ccaccttggt	cagcagccgg	ttgggcagca	ggttcctctg	cggggacatc	1500
tctctgcact	cggggcaggg	gaaggagccc	ttccgcttcc	gcctcccctt	cttgcccctc	1560
gccttttccc	agctcagctg	gatgcaggct	cggcagaagt	tgtggccaca	ggtgggtcatc	1620
acagggtctg	tgaagtaatc	cagacagatg	gagcacgtag	cttcctcctg	cagttttctg	1680
gcgagttcca	cagcctccat	ggctcctggg	agacacgagg	caggttcccc	cttgagggac	1740
tcttgttgaa	gcgcgctagc	ccctccaggg	acgcggcacg	aaa		1783

<210> 8171

<211> 1331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (347)...(472)

<223> similar to gil296429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8171

tttcgtgccca	gggagccgca	ggcaagggac	taaggggagg	ggggctcagt	gccagctgct	60
taaaaatgcc	cctgtggcag	cgaggggcac	cagaggctgg	gtctaattag	ttgagaagca	120
gtgacacccc	caaccactcc	caaacaggc	tggctcccgt	ctccaggccc	caaggagcca	180
cacctggacc	agaccccagg	aaaggcaagg	gcgctagctg	gtgggagcca	ccccgccatg	240
ctgatgtcag	agaagcaaga	actctggaga	agcagcctcc	tgggaccaga	ggaggggccag	300
cagcaggcag	cccggagaca	gaactctcac	ccacgcctct	ccaagcctcc	caacagaaga	360
cagaggtccc	ccacagccag	agacatttcc	tgaagacatg	gggaacacag	aggcagaaac	420
agcccatcca	cccaggagct	gtccccca	ctgccgggag	ccggcaccca	gagccgccag	480
gtaaaactga	ggccacctgg	ttcaacatca	cctttcacag	aaggggaagc	agccacagaa	540
agaagggcct	cgttaagaag	tggaaacctg	gacccccaa	cgggtgtctct	catectgact	600
ggggatccag	agtaggaggg	agcctttggt	ggggtaagt	gaatggggcg	gggtgggggg	660

tggccataga	cccctcttct	cagtaaggcc	ctcatgtgaa	ggaggcaggg	gttgggacaa	720
gtgctaagta	tgcaagactc	aagggaagag	ctgctggagc	caggaaaagc	acctccctcc	780
cggccccctct	gccccctctc	atagcccagc	tgcactgact	cctcctccag	gaagccttct	840
cagcttcccc	aggggtggga	acctttttgt	cctccaggtg	tgcttggctg	tcctttcttg	900
ggctctctct	ctctctctct	cctcatccca	cttgagtctg	ccccctattc	accttgtgag	960
gggaattttc	cttctactca	atctgaccga	ggtcctccag	gtcaaggaca	gcgaggctct	1020
cagtcccact	tccccctggc	acatagaaga	ggcagtgcgc	tgaagggaca	ggtgaaatga	1080
ttagaccctg	cccccaaacc	aaggcctggc	caattggaca	gggcatgaga	cattcagcgt	1140
agaggttaaa	acgagggccc	tgggttagga	accccagctc	agttctcagc	tctgtaccct	1200
tggaaaattc	ccttcccatg	gagctttgtg	gatgcacaag	gacttgcaca	aagaaaacat	1260
tcaatatcca	ggactataaa	attccacaaa	tgattgtgct	tattacattc	attatcacga	1320
tgattattcc	a					1331

<210> 8172

<211> 1612

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (145)...(1124)

<223> similar to gi4836936 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8172

gatttcgtgg	gcagctgttc	ccactggctc	tgctgacctt	gtgccttgga	cggctgtcct	60
cagcgagggg	ccgtgcaccc	gctcctgagc	agcgccatgg	gcctgctggc	cttcctgaag	120
acccagttcg	tgtgacacct	gctggctggc	tttgtcttcg	tggtagtggt	tctggctatc	180
aacttcgtcc	agctgtgcac	gctggcgctc	tggccgggtca	gcaagcagct	ctaccgccgc	240
ctcaactgcc	gctcgccta	ctcactctgg	agccaactgg	tcagtctgct	ggagtgggtg	300
tcctgcacgg	agtgtacact	gttcacggac	caggccacgg	tagagcgctt	tgggaaggag	360
cacgcagtca	tcctcctcaa	ccacaacttc	gagatcgact	tcctctgtgg	gtggaccatg	420
tgtgagcgct	tcggagtgtc	ggggagctcc	aaggctcctc	ctaagaagga	gctgctctac	480
gtgccccctca	tcggctggac	gtggtacttt	ctggagattg	tgttctgcaa	gcggaagtgg	540
gaggaggacc	gggacaccgt	ggtcgaaggg	ctgaggcgcc	tgtcggacta	ccccgagtac	600
atgtggtttc	tcctgtactg	cgaggggacg	cgcttcacgg	agaccaagca	ccgcgttagc	660
atggaggttg	cggctgctaa	ggggcttcct	gtcctcaagt	accacctgct	gccgcggacc	720
aagggtttca	ccaccgcagt	caagtgcctc	cgggggacag	tcgcagctgt	ctatgatgta	780
accctgaact	tcagaggaaa	caagaaccgc	tccttgctgg	ggatcctcta	cgggaagaag	840
tacgaggcgg	acatgtgcgt	gaggagattt	cctctggaag	acatcccgtc	ggatgaaaag	900
gaagcagctc	agtggcttca	taaactgtac	caggagaagg	acgcgtccca	ggagatatat	960
aatcagaagg	gcatgtttcc	aggggagcag	tttaagcctg	cccggaggcc	gtggaccctc	1020
ctgaacttcc	tgtcctgggc	caccattctc	ctgtctcccc	tcttcagttt	tgtcttgggc	1080
gtctttgccca	gcggatcacc	tctcctgata	ctgactttct	tggggtttgt	gggagcaggt	1140
aatggacact	gtcgctaaca	gtcacactc	tgacgggcct	cacagtatca	gccacagggg	1200
ccgggacctg	gtgactcatc	acagtggctg	tgggaggcag	gggcctggct	gttatggacc	1260
ctggagccag	gatcccccca	cggcctgcgg	gcctaagagc	ccaaaagcag	acaggggggc	1320
tggggaccct	ctcggggacc	ctctcgctcg	cctcctcaag	ggcgccagcc	agtggggctg	1380
cagtggggat	ggcgccaggt	ggcgccgctt	cggctctctg	gggaggcgac	cctcagctca	1440
gtgcaagaat	ccaggctctg	aagccccgag	gccgtggggg	gatcctggct	ccaggggtcca	1500



taacagccag	gcccctgcct	cccacagcca	ctgtgatgag	tcaccaggtc	cgggaccctg	1560
tggctgatac	tgtgaggacc	gtcagagtgt	gagctgttag	cgacagtgtc	ca	1612

<210> 8173

<211> 2701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2362)...(1425)

<223> similar to gi3252824 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8173

tttttttttt	ttaaaagtgt	ttattttttg	caataaagag	cacaacataa	tctccttcat	60
gcgtcatcgt	gccacttagc	tgagccagcc	agctctgcct	ccctcccca	agacctttgg	120
accccagttc	ccctctacag	gctagctcat	ccctctgggt	ggtcattccc	cgggtcacgt	180
tgagagcgag	gctgactgca	ccacctccct	agctcaaggg	ctcctttggg	aggggcccg	240
tgctttatca	tctcctgcc	acaactcaaa	tagtggttat	ttacaagaag	gtctgttccc	300
acaaatcagg	accctaaagt	attaaaaaac	aaaacccaaa	aaacaacaaa	aaaccccaca	360
caaccaaaag	tttgacgtga	atagaaagat	agcccttctg	catggtagtc	aacaaatacc	420
agcactagaa	aatcaattgc	tttaattgca	ttgcagcagg	gagcctcagc	accatgtggg	480
gaggaggaaa	tgggaaggtc	ttggtttcag	agtgcctttg	gctggccaga	gggtggccaa	540
acagggcaag	ggggctccct	ctgcttgggc	attgtccacc	cctggtcagt	gagagggggg	600
cagcaggggt	gctccccacg	gcagtcctgc	tgcggecttc	cctcctggcc	tattcctggg	660
gcaggaacaa	gctccagcct	tctccacat	ggctgaggta	atcagcaccc	ctaccccagg	720
ggcatcttcc	cagcctacaa	agcaggaagg	agcctgtgca	gaagttacat	tttaaaacca	780
gattttcacc	tgaggcgtea	accagatgtc	acctctgctt	aaaactccaa	ctgcaaggct	840
ggcaagcagc	acagaggaag	tgcagatcct	tctgtgtgca	ctccaggccc	agaggaactg	900
agaagccacc	tgctgttccg	gcccttgggc	tgtttgggaa	aagccagcag	tcagagtgcc	960
agcctcaagc	tctgattatc	cccctcctgt	ggccctggta	gttcaagcag	gtcctggcag	1020
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ccgtggcctg	gtcatgggat	taaaaaat	gtgtgtattg	gtggggaagg	atgggggtgag	1140
ggtgagggga	tctcattgat	acagagtatg	tcataagcca	tatatattaa	aatcattaac	1200
agtatatagt	cccacggtag	ctccaacccc	tcacacatgc	tcaggtgggt	tggccagccc	1260
tttgccctcag	tccagcctca	tcttgggggg	caaggagggg	gcagcttgct	ccctttctcc	1320
aggctcttgg	ccgacagccc	cctgaggctg	tccacggtac	actgcagcca	gccccgcagc	1380
aggcagcccc	cagcagtcac	cgggtgctgc	cagcactgtg	gtcactggga	tggggctctt	1440
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agggggccacg	agacgagctt	cacacggggg	ttgtggatgt	cccagaggta	gatgttctcg	1920
tgggtgatct	gcagcttgca	ctcgccatac	acgtccaggt	tggggcaggg	cagcaggaag	1980
acattgaagc	gatctgtctg	ttcacactgc	acccctgggg	ccaggaggtc	aggttctccc	2040
agactgatgt	cgttgaggcg	ggaccccaga	cactccacag	atagtgtctt	gtaccactcc	2100

tctgcctcta	gctctgagtc	gcaggtgaag	gtacgtgccg	agtcacacgt	gaatatgatg	2160
gccaccgcct	gccgcttggt	ctccttgggg	agccgcgtaa	cacacttgac	gttgetgatc	2220
tcagtcacct	tggggcagcc	ccggaggcac	accgacttct	catctggata	cttctccagc	2280
cgctggggcc	ccttgctgga	ggatttccgg	aacaccagcc	agcacctccg	gtagatcccc	2340
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gtgcctgggt	ctccggctcc	tccaatcacc	tgttccagac	actctgtcgg	ggctgccgcg	2520
aggggctgct	cctcacctca	cccgcctcag	cattgttcta	gcagctcctt	cgccccgcgc	2580
ctgctggaaa	taaaaatgac	aggagagatta	gagacagtga	catctttctc	ttcctctcgc	2640
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a						2701

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<210> 8174
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (716)...(278)
<223> similar to gi5532294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8174						
tttttttttt	ttgagagtga	caaaaagggt	tattcctgtg	cttctcgcag	cattaggcag	60
gggataaaac	ttggagagaa	gggccttggt	gtggagggtg	agggactcct	gtgggcttca	120
ctctggtagg	aggagagcat	cagggcaggc	ctttaggctg	ttgctctggg	cagggggtgg	180
gggtgcgggg	gcttacagtg	ggggccctta	gttggcacag	gttcggaagg	gccccaggca	240
gacatgaatt	ctcctgagac	ttgaggtagg	ttgcttcagc	cagcccgggc	ggagaagaag	300
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cccagcgggc	acaggggatt	cttcaccacc	agctccacat	acagcgcact	gtagatgtgg	420
tgcagcacat	ctcggatggg	tcccacgccc	aagtcagtat	tcatgacaac	tttgatccca	480
gtgggcgtct	cgtagtaatg	gagtttgtaa	cggctagttt	ggaaggccag	gaagccatcc	540
ttcatgtcta	gcggggacat	cttgetgaca	aacgagcgga	tagagaagag	catcccgtac	600
atcagcttat	actcctcctc	cttggggaatc	cctgcttget	tcttgcggtg	ccattcgctg	660
tagtgcagac	acactccatt	ccgggtcaaac	aggtacaggt	tgtggacagt	catctgcagg	720
gcagggagtg	tgagcctcgc	tccggggccg	ccccactcc	ttgggctcgg	gttcccggac	780
ccacagcctt	ccaaccaggt	ggggacccca	cccacg			816

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<210> 8175
<211> 2262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (174)...(1347)

<223> similar to gil857445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8175

tttcgtgccc	tgcgccacgc	ttggcagaga	gggaagcggg	aggacacgac	cccagggcat	60
tggtgggaaca	ctggccaggc	tggactttgc	cttcctcctc	gtccttttagc	cgggagcctg	120
tctttgtcttg	ccttttgccct	tgaggctctg	tggctgtggg	gctgagtggc	atcatggcgg	180
ctcagaaaaga	tctctgggac	gccattgtga	ttggggcggg	gatccagggc	tgcttcactg	240
cataccacct	ggccaaacac	aggaagagga	tcctcctgct	ggagcagttc	tttctaccac	300
actcccagg	aagctcccat	ggacaaagcc	ggataatccg	aaaggcgtac	ctggaagact	360
tttacacccg	gatgatgcat	gagtgtctatc	agatatgggc	ccagctggag	cacgaggctg	420
gaacccaatt	gcacaggcag	actggattac	tgctgtctggg	aatgaaagag	aatcaagaat	480
taaagacaat	ccaggccaat	ctgtcgaggc	agagggtaga	acaccagtgt	ctttcatctg	540
aggaactgaa	gcaacgtttc	ccaaatattc	ggttgcccag	gggagaagtg	gggctcttgg	600
acaattccgg	aggagtattc	tatgcatata	aggccctcag	agccctgcag	gatgcaattc	660
gacagctagg	aggcatagt	cgtagcggag	agaaggtggt	ggagataaac	ccagggtctac	720
tggtcacgg	gaaaaccacc	tccaggagct	accaagctaa	gagcttggtc	atcacagcag	780
gtccttgga	caaccagctc	ctccgtcccc	tgggcattga	gatgcctctc	cagaccctgc	840
ggatcaacgt	gtgttactgg	cgagagatgg	ttcctgggag	ctatggtgtg	tcccaggcct	900
ttccgtgctt	cctgtggctg	ggcttgtgtc	cccaccacat	ctacggactg	cccacaggag	960
agtaccagg	gctgatgaag	gtcagctatc	accacggcaa	ccacgcagac	cctgaggagc	1020
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gagatcactt	acctgatctg	aagcccagac	ctgctgtcat	tgagagctgc	atgtacacga	1140
ataccctga	tgagcagttc	attctcgatc	gccacccaaa	gtatgacaac	attgtcattg	1200
gtgctggatt	ctctgggcac	gggttcaagc	tggccctgt	gggtgggaag	atcctgtatg	1260
aattaagcat	gaaattaaca	ccatcttatg	acttggcacc	ttttcgaatc	agccgtttcc	1320
caagcctggg	caaagcccac	ctttgacctc	tggccagaag	cctcccttct	gtgcacagga	1380
gccagtttca	cagatggaga	agatgtctca	gatgaaggga	gtgtccctga	gatatcatcc	1440
ttttcttctg	cctcgccctga	atcccccata	aacaccagat	gattgagtct	accttctttc	1500
cttgccccgc	tccctttttc	ttctgcctca	cttgaatccc	ccgtaaacac	cagacgattg	1560
agtctacctt	cttttcttgg	ccacctcccc	attcacaact	actttctcgc	tcccagaagg	1620
ttgatcagat	attctacaat	cacagagtag	caaggacgtt	tgagatgggt	atatcagtaa	1680
gaagagggca	caagaactgg	ctctggagac	caaagcagtt	gttaaaaatt	ctctttgctg	1740
ggggccgggt	gtggtggctc	acacctgtaa	tctcggcact	ttggggggct	gagacaggcg	1800
gatcacctga	ggccagggaat	tcaagaccag	cctggccaac	atggtgaaac	cctatctcca	1860
ctaaaaatac	aaaattagct	gggtgtgggt	gcgcatgcct	gtaatcccag	ctacttggga	1920
gactgaggca	agagaatcac	ttgaaccctg	gagggtggag	tggcagttag	ccgagattgc	1980
gccattgcac	tccagcctgg	gcaaaaagag	tgagactctg	tctcaaaaaa	aaaacaaaac	2040
aaaaaaaaacc	tctttgtctg	tatatattgaa	gagcttggga	tggatttgac	taaatctgcc	2100
ccgaggaggg	tgaacaagg	gatctcagag	atcactactg	ctcttggagt	tccttctcct	2160
aaagctaagg	ccagcctcca	tcacaaatgc	ccataaaatc	tggtctcgtc	ttgatgaaca	2220
ataaatattt	gttgaacaaa	taaataactg	ccctgcaaaa	aa		2262

<210> 8176

<211> 772

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (142)...(551)
<223> similar to gi1086497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8176
tttcgtggcc gaacgcctat ctcgggcgga gagcgcggtt gtgccagta tcccatcccc      60
gcgacccccg cgcgctccgg agagaacagg actatgcccg gggctgggga cggaggcaaa     120
gccccggcga gatggctggg cactgggctt ttgggcctct tcctgctccc cgtaaccctg     180
tcgctggagg tgtctgtggg aaaggccacc gacatctacg ctgtcaatgg cacggagatc     240
ctgctgccct gcaccttctc cagctgcttt ggcttcgagg acctccactt ccggtggacc     300
tacaacagca gtgacgcatt caagattctc atagagggga ctgtgaagaa tgagaagtct     360
gacccaagg tgacgttgaa agacgatgac cgcactactc tggtaggctc tactaaggag     420
aagaggaaca acatttccat tgtgctgagg gacctggagt tcagcgacac gggcaaatac     480
acctgccatg tgaagaaccc caaggagaat aatctccagc accacgccac catctttctt     540
caagtcgttg atagacgtat gcagtggggg ctggcacagg gcagtggcgt ggggaaggact     600
tgaggaggcac ccaactcagc atcacagtga aatggcaaaa tggaccgtgt tgggggtttc     660
ttttgcttta cactttccag agctgctgga gttacatcta aaagctagaa gagctcagct     720
tgaacactta ttctgctacc aaatagctta tgaaatactc ttagcctctc tc              772

```

```

<210> 8177
<211> 1038
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (164)...(575)
<223> similar to gi2970559 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8177
tttcgtgtgc gcgctctccg cctgatagga gttgtagttc tgccgggtgaa gctcggcggt      60
actatcaagc aaccaaactg caagctttgg gagttgttcg ctgtccctgc cctgctctgc     120
tagggagaga acgccagagg gaggcggtcg gcccggcggc aggtctctcag aaccgctacc     180
ggcgatgcta ctgctgtggg tgtcgggtgg cgcagccttg gcgctggcgg tactggcccc     240
cggagcaggg gagcagaggc ggagagcagc caaagcgccc aatgtggtgc tggctcgtgag     300
cgactccttc gatggaaggt taacatttca tccaggaagt caggtagtga aacttccttt     360
tatcaacttt atgaagacac gtgggacttc ctttctgaat gcctacacaa actctccaat     420
ttgttgccca tcacgcgcag caatgtggag tggcctcttc actcacttaa cagaatcttg     480
gaataatttt aagggctctag atccaaatta tacaacatgg atggatgtca tggagaggca     540
tggtaccga acacagaaat ttgggaaact ggactatact tcaggacatc actccattag     600
gcacagtgaa cgtgggtcaa ctaatcaaag aagtgaaaaa gtttgagaaa gtaatcgtgt     660
ggaagcgtgg acaagagatg ttgctttctt actcagacaa gaaggcaggc cccatgggta     720
atcttatccg taacaggact aaagtcagag tgatggaaag ggattggcag aatacagaca     780
aagcagtaaa ctgggttaaga aaggaagcaa ttaattacac tgaaccattt gttatttact     840
tgggattaaa ttaccacac ccttaccctt caccatcttc tggagaaaat tttggatctt     900

```

caacatttca	cacatctctt	tattggcttg	aaaaagtgtc	tcatgatgcc	atcaaaatcc	960
caaagtggtc	acctttgtca	gaaatgcacc	ctgtagatta	ttactcttct	tatacaaaaa	1020
actgcactgg	aagattta					1038

<210> 8178

<211> 1575

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (201)...(882)

<223> similar to gi4530587 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8178

tttcgtcccc	cgccccgact	ttgccatcgg	cggggcagtc	gcgggatgcg	cccgaggagcc	60
acagcctgag	gccctcaggt	ctctgcaggt	gtcgtggagg	aacctagcac	ctgccatcct	120
cttccccaat	ttgccacttc	cagcagcttt	agcccatgag	gaggatgtga	ccgggactga	180
gtcaggagcc	ctctggaagc	atggagactg	tggtgattgt	tgccataggt	gtgctggcca	240
ccatctttct	ggcttcgttt	gcagccttgg	tgctggtttg	caggcagcgc	tactgccggc	300
cgcgagacct	gctgcagcgc	tatgattcta	agcccatgtg	ggacctcatt	ggtgccatgg	360
agaccagtc	tgagccctct	gagttagaac	tggacgatgt	cgttatcacc	aacccccaca	420
ttgaggccat	tctggagaat	gaagactgga	tcgaagatgc	ctcgggtctc	atgtccact	480
gcattgccat	cttgaagatt	tgtcacactc	tgacagagaa	gcttggtgcc	atgacaatgg	540
gctctggggc	caagatgaag	acttcagcca	gtgtcagcga	catcattgtg	gtggccaagc	600
ggatcagccc	caggggtggat	gatgttgtga	agtcgatgta	ccctccgttg	gacccccaac	660
tcctggacgc	acggacgact	gccctgctcc	tgtctgtcag	tcacctggtg	ctggtgacaa	720
ggaatgcctg	ccatctgacg	ggaggcctgg	actggattga	ccagtctctg	tcggctgctg	780
aggagcattt	ggaagtcctt	cgagaagcag	ccctagcttc	tgagccagat	aaaggcctcc	840
caggccctga	aggcttcctg	caggagcagt	ctgcaattta	gtgcctacag	gccagcagct	900
agccatgaag	gcccctgccc	ccatccctgg	atggctcagc	ttagccttct	actttttcct	960
atagagttag	ttgttctcca	cggctggaga	gttcagctgt	gtgtgcatag	taaagcagga	1020
gatccccgtc	agtttatgcc	tcttttgtag	ttgcaaactg	tggctggtga	gtggcagctc	1080
aatactacag	ttaggggaga	tgccattcac	tctctgcaag	aggagtattg	aaaactgggtg	1140
gactgtcagc	tttatttagc	tcacctagtg	ttttcaagaa	aattgagcca	ccgtctaaga	1200
aatcaagagg	tttcacatta	aaattagaat	ttctggcctc	tctcgatcgg	tcagaatgtg	1260
tggcaattct	gatctgcatt	ttcagaagag	gacaatcaat	tgaaactaag	taggggtttc	1320
ttcttttggc	aagacttgta	ctctctcacc	tggcctgttt	catttatattg	tattatctgc	1380
ctggtccctg	aggcgtctgg	gtctctcctc	tccttgtagc	gtttgggttt	gaagctgagg	1440
aactacaaag	ttgatgattt	cttttttatc	tttatgcctg	caattttacc	tagctaccac	1500
taggtggata	gtaaatatat	acttatgttt	caaaaaaaaa	tcatcaactt	tgtagttcct	1560
cagcttcagt	cgacg					1575

<210> 8179

<211> 805

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (234)...(637)  
 <223> similar to gi4406698 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8179

tttcgtggcc	ggtcggaccg	ccaaggcagc	cggcgctggc	gatgggaagc	ggcgtggccg	60
ccgacacagg	cagtggcaaa	gtttcccaga	cgtacacatc	tggacgcgcg	gctgccggct	120
accctgacc	cctctaggaa	gggttcaggg	atttttaatt	tggaaaaaaa	tccacctggt	180
ttcctttgtc	aaggtctctc	cggttgccca	gcggcaggag	ctgcaaactt	gggcacggcg	240
gctacaccgg	cagcggaccg	ggctttggag	aacctcgga	ctcaggtgct	gaggtgcca	300
gcggctccgg	acgtgctacg	gggtgcgagc	gcgggggagc	tcggggcgca	cgacaaggaa	360
gggcccccg	gagctctata	tggaggaagg	agcccagaat	ggtgtgcacc	aggaagacca	420
aaactttggt	gtccacttgc	gtgatcctga	gcggcatgac	taacatcatc	tgctgtctct	480
acgtgggctg	ggtcaccaac	tacatcgcca	gcgtgtatgt	gcgggggcag	gagccggcgc	540
ccgacaagaa	gctggaggaa	gacaaagggg	acactctgaa	gattattgag	cggctggacc	600
acctggagaa	tgtcatcaag	cagcacattc	aagaggctcc	tgccaagcct	gaggaggcag	660
aggccgagcc	cttcacagac	tcctctctgt	ttgcacactg	gggccaggag	ctcagccccg	720
aaggccggcg	cgtggccctg	aagcaattcc	agtactacgg	ctacaacgcc	tacctcagcg	780
accgctgccc	cctggaccgg	ccct				805

<210> 8180  
 <211> 3484  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (304)...(3395)  
 <223> similar to gi3559925 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8180

gacggaccgg	tctggaattc	tcgggtcgac	gatttcgtcc	ggaggtttcg	attagttgtc	60
tctgccgctg	gggaaggtaa	tgcggcgacg	gcgtccctcag	gagctgtggg	gtccccctgct	120
agaagtgggg	gactcggcgg	gggagtcatt	taatacttca	tgattagaac	aaatatgtga	180
aagttccac	caaccagtga	gaatttcttc	cttcagacgg	ttttggatct	tactgcacag	240
ctttctgaga	agttcttttg	gtgccatgtt	ttgtggcttg	catcaaaaga	ggagtttgtc	300
ttcatgaaga	ttcctaacat	tggtaatgtg	atgaataaat	ttgagatcct	tggggttgta	360
ggtgaaggag	cctatggagt	tgtacttaaa	tgcagacaca	aggaaacaca	tgaaattgtg	420
gcgatcaaga	aattcaagga	cagtgaagaa	aatgaagaag	tcaaagaaac	gccttttacga	480
gagcttaaaa	tgcttcggac	tctcaagcag	gaaaacattg	tggagttgaa	ggaagcattt	540
cgtcggaggg	gaaagttgta	cttggtgttt	gagtatgttg	aaaaaaatat	gctcgaattg	600

ctggaagaaa	tgccaaatgg	agttccacct	gagaaagtaa	aaagctacat	ctatcagcta	660
atcaaggcta	ttcactggtg	ccataagaat	gatattgtcc	atcgagatat	aaagccagaa	720
aatctcttaa	tcagccacaa	tgatgtccta	aaactgtgtg	acttttggtt	tgctcgtaat	780
ctgtcagaag	gcaataatgc	taattacaca	gagtacgttg	ccaccagatg	gtatcggtcc	840
ccagaactct	tacttggcgc	tccctatgga	aagtcctgtg	acatgtggtc	ggtgggctgt	900
attcttgggg	agcttagcga	tggaacagct	ttatttcctg	gagaaagtga	aattgaccaa	960
ctttttacta	ttcagaaggt	gctaggacca	cttccatctg	agcagatgaa	gcttttctac	1020
agtaatcctc	gcttccatgg	gctccggttt	ccagctgtta	accatcctca	gtccttggaa	1080
agaagatacc	ttggaatttt	gaatagtgtt	ctacttgacc	taatgaagaa	tttactgaag	1140
ttggaccag	ctgacagata	cttgacagaa	cagtgtttga	atcacccctac	atttcaaacc	1200
cagagacttc	tggatcggtc	tccctcaagg	tcagcaaaaa	gaaaacctta	ccatgtggaa	1260
agcagcacat	tgtctaatag	aaaccaagcc	ggcaaaagta	ctgctttgca	gtctcaccac	1320
agatctaaca	gcaaggacat	ccagaacctg	agtgtaggcc	tgccccgggc	tgacgaaggt	1380
ctccctgcca	atgaaagctt	cctaaatgga	aaccttgctg	gagctagtct	tagtccactg	1440
cacaccaaaa	cctaccaagc	aagcagccag	cctgggtcta	ccagcaaaga	tctcaccaac	1500
aacaacatac	cacaccttct	tagcccaaaa	gaagccaagt	caaaaacaga	gtttgatttt	1560
aatattgacc	caaagccttc	agaaggccca	gggacaaagt	acctcaagtc	aaacagcaga	1620
tctcagcaga	accgccactc	attcatggaa	agctctcaaa	gcaaagctgg	gacactgcag	1680
cccaatgaaa	agcagagtcg	gcatagctat	attgacacaa	ttccccagtc	ctctaggagt	1740
ccctcctaca	ggaccaaggc	caaaagccat	ggggcactga	gtgactccaa	gtctgtgagc	1800
aacctttctg	aagccagggc	ccaaattgcg	gagcccagta	ccagtaggta	cttcccctct	1860
agctgcttag	acttgaattc	ttccaccagc	ccaacccccca	ccagacacag	tgacacgaga	1920
actttgctca	gcccttctgg	aagaaataac	cgaaatgagg	gaacgctgga	ctcacgtcga	1980
accacaacca	gacattctaa	gacgatggag	gaattgaagc	tgccggagca	catggacagt	2040
agccattccc	attcactgtc	tgacctcac	gaatcttttt	cttatggact	gggctacacc	2100
agcccccttt	cttcccagca	acgtcctcat	aggcattcta	tgtatgtgac	ccgtgacaaa	2160
gtgagagcca	agggcttggg	tggaagcttg	agcatagggc	aagggatggc	agctagagcc	2220
aacagcctgc	aactcttgtc	accccagcct	ggagaacagc	tccctccaga	gatgactgtg	2280
gcaagatctt	cgggtcaaaga	gacctccaga	gaaggcacct	cttcttcca	tacacgccag	2340
aagtctgagg	tggtgagtga	tcatgaccca	cactctgatg	atggcacagc	ccccaagaa	2400
aatagacacc	tatacaatga	tcctgtgcca	aggagagtgt	gtagctttta	cagagtgccca	2460
tctccacgtc	cagacaattc	tttccatgaa	aataatgtgt	caactagagt	ttcttctcta	2520
ccatcagaga	gcagttctgg	aaccaaccac	tcaaaaagac	aaccagcatt	cgatccatgg	2580
aaaagtcttg	aaaatattag	tcattcagag	caactcaagg	aaaaagagaa	gcaaggattt	2640
ttcaggtcaa	tgaaaaagaa	aaagaagaaa	tctcaaacag	tacccaattc	cgacagccct	2700
gatcttctga	cgttgcagaa	atccattcat	tctgctagca	ctccaagcag	cagaccaaag	2760
gagtggcgcc	ccgagaagat	ctcagatctg	cagacccaaa	gccagccatt	aaaatcactg	2820
cgcaagtgtg	tacatctctc	ttcggcctca	aatcaccogg	cttcttcaga	tccccgcttc	2880
cagcccttaa	cagctcaaca	aaccaaaaaat	tccttctcag	aaattcggat	tcacccctctg	2940
agccaggcct	ctggcgggag	cagcaacatc	cggcaggaac	ccgcaccgaa	gggcaggcca	3000
gccctccagc	tgccagacgg	tggatgtgat	ggcagaagac	agagacacca	ttctggaccc	3060
caagatagac	gcttcatgtt	aaggacgaca	gaacaacaag	gagaatactt	ctgctgtggt	3120
gacccaaaga	agcctcacac	tccgtgcgtc	ccaaaccgag	cccttcatcg	tccaatctcc	3180
agtcttgctc	cctatccagt	actccaggtc	cgaggcactt	ccatgtgccc	gacactccag	3240
gtccgaggca	ctgatgcttt	cagctgcccc	acccagcaat	ccgggttctc	tttcttctgtg	3300
agacacgtta	tgagggaagc	cctgattcac	agggcccagg	taaaccaagc	tgcgtcctctg	3360
acataccatg	agaatgcggc	actgacgggc	aagtgacttc	tgcaagcctg	cggctgggtcc	3420
caatgccttg	aatcacctct	ctcatggaag	aaccaattaa	caccaatgaa	tcaaccatta	3480
aaaa						3484

<210> 8181  
 <211> 2089  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (59)...(1188)

<223> similar to gi563886 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8181

tttcgtatcc	ggtgcctcct	gcagcccgc	tgtctgggcag	ggccggcgcg	gcccggccat	60
ggagtcctac	gacatcatcg	ccaaccagcc	tgtgggtcatc	gacaacgggt	cggggggtgat	120
taaagctggc	tttgcaggag	accagattcc	caaatactgt	ttcccaaact	atgtcgggcg	180
gccgaagcac	atgcgggtga	tggctggagc	cctggagggg	gacctcttca	tcggaccaa	240
agcagaggag	caccgggggc	tgtgaccat	ccgtacccc	atggagcacg	gcgtggtgcg	300
agactggaac	gacatggaac	gcatctggca	gtacgtctac	tccaaggatc	agctgcagac	360
cttctcggag	gagcatcctg	tgtcctcac	ggaggccccg	ctcaaccoga	gtaagaaccg	420
ggagaaggcg	gcagaggtgt	tctttgagac	cttcaacgtg	ccggccctgt	tcatctccat	480
gcaggctgtg	ctcagtctgt	acgcaacagg	acgcacgaca	ggagtgggtc	tagactcagg	540
ggacggggtc	actcatgctg	tgcccatcta	tgagggtctt	gccatgcctc	actccatcat	600
gcgggtggac	attgccggcc	gcgacgtctc	ccgtacctc	cgactcctgc	tgcgcaagga	660
aggggttgac	ttccatacct	cggctgagtt	tgagggttgc	cggacaatca	aagagcgagc	720
gtgctacctg	tccatcaacc	cacagaagga	tgaggctctg	gagacggaga	aggtgcagta	780
cacgttgcca	gacggcagca	cgcttgatgt	ggggcctgca	cgattccggg	cccccgagct	840
gctgttccag	ccggaccttg	tgggggatga	gagtgagggg	ctccatgagg	tgggtggcctt	900
cgccatacac	aagtccgaca	tggacctgcg	ccggacgctg	ttcgccaaca	tcgtgctctc	960
aggtggctca	acgcttttca	aaggcttcgg	agaccgatta	ctcagtgaag	tgaagaagct	1020
tgccccaaag	gatatcaaaa	tcaagatctc	agccccgcag	gaacggctgt	actccacatg	1080
gattggcggc	tccatcctgg	cctcgctgga	cacttttaag	aagatgtggg	tgtccaaaaa	1140
ggagtatgaa	gaggatggct	cccgtgctat	tcacgcgaaa	actttctagt	gccaaggag	1200
ggcggggcat	gttgggagag	ggggagggag	gggagacaga	gcctttaacc	ctttttggtc	1260
ttggctcgta	tactaggctt	aggggtccct	gcatgcctg	aaccctggg	tgggtggcac	1320
agcagtgcc	ccctgcagcc	ttccctctca	cacaggacat	gcacacacaa	gtaacattga	1380
gctgcatgga	caggagcctt	gagctggcgt	gtgggaattg	agcgccatgt	caggctgttg	1440
tgggtatccc	cctggcaggg	ccagctaggc	ctgtggttcc	ctgctccgac	tctcagggct	1500
gcctccctga	gctccagggc	cagaatgcct	ggatgcctgg	gtagccagtt	tggggagtgg	1560
gctgcaaggg	gcagccagca	gctcccactg	gtgtgtcact	gcatccattg	ccacctcctg	1620
ttcgtgacct	gacaggggtga	cacagcccct	ttcacactct	gtcctcctat	cttcctgggt	1680
agatgccctg	gtgtagggct	gagtactgaa	tggctctcca	tccccagcaa	gggggtgcag	1740
cccagggtca	ggcccttcag	agccagggca	gaggacgcac	ggtggctaga	gccgctgcac	1800
tatccttttc	agagcacttc	atccacttgc	tcctccctct	accctcgga	ccctgggtgg	1860
gaaaggggtg	atgctcatca	tttattgagg	ggaagccact	taataaggag	tcagacctaa	1920
aaggggggtg	gggacatttt	cttacctcac	ccaagaaaga	ggtcgtcact	tttgctgtgg	1980
ccaggggccc	acctccctct	ctcagatatg	tacaataatt	taacacgggt	gcctgaaaaa	2040
aacttttgta	aatcattata	gtaataatta	tggacaagga	aaaaaaaaa		2089

<210> 8182

<211> 755

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (671)...(568)  
 <223> similar to gi3098289 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8182  
 ttctgtctcc cctgagcctg gcttcagcct ggcacagctc aacctcatct ggcagctgac 60  
 agatacaaaa cagctgggtgc acagctttgc tgagggccag gaccagggca ggcgctatgc 120  
 caaccgcacg gccctcttcc cggacctgct ggcacagggc aacgcattcc tgaggctgca 180  
 gcgcgtgcgt gtggcggacg agggcagctt cacctgcttc gtgagcatcc gggatttcgg 240  
 cagcgtgccc gtcagcctgc aggtggccgc tccctactcg aagcccagca tgacctgga 300  
 gcccaacaag gacctgcggc caggggacac ggtgaccatc acgtgctcca gctaccaggg 360  
 ctacctgag gctgaggtgt tctggcagga tgggcagggt gtgcccctga ctggcaacgt 420  
 gaccacgtcg cagatggcca acgagcaggg cttgtttgat gtgcacagca tcctgcgggt 480  
 ggtgctgggt gcaaattggc cctacagctg cctgggtgcg aaccccgtgc tgcagcagga 540  
 tgcgcacagc tctgtcacca tcacacccca gagaagcccc acaggagccg tggagggtcca 600  
 ggtccctgag gacccggtgg tggccctagt gggcacccgat gccaccctgc gctgctcctt 660  
 ctcccccgag cctggcttca gcctggcaca gctcaacctc atctggcagc tgacagacac 720  
 cagacagctg gtgcacagtt tcaccgaagg ccgcg 755

<210> 8183  
 <211> 984  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (947)...(797)  
 <223> similar to gi3928928 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8183  
 ggggttttccc cctccccggt ttttaaaaac ccgccccggg aatttttttt ggggccccct 60  
 aaaaaaaaaa ttttctttcc cccccccggg atttttaatt tttttctttt aaaggccccc 120  
 cccttttttt ttttttgcac agaataagca atttattgca attgaattat ccaatgtggt 180  
 tgactgaata taaatatttt tattacaaaa tattccaggt aaaaattcgg agctgcttac 240  
 aagcttcttt agctttaagc tcattgcatt tcttcatgtc tagagcatgg gtgacgggct 300  
 caggtgtgcc tggcctgccc cgcagggtcc tcttctccg tctgcagtgg gtcccactca 360  
 gtgaggacct ctgaggacac ctacgtgaac agatggtccc agtcccagcc gacatcatcc 420  
 tgccaagaag ggtttcgtcc ccggaactcg tgctccggcg cgagcacttt ggtgaggagt 480  
 ttcaggtcga tctcccatc cagtgtctga atggctgagt acttcatgag gtcattgtcc 540  
 aggtcacggt aggtcatcac ccgctttatc tggatgctgg gaggggctgc cacctgcaaa 600  
 acaaagtctt ctctctgtac ttctccaga tccggaatga taggaatatc tcctccataa 660  
 tctgatccat tcaggctctg tggctctgagg cggaaatctt ctatttcttc agaagccttc 720  
 ctctaaact tcgaagcctt cacggaatca cctgccagc ctccctgtcg gcagcgaggt 780  
 aatttagcag aggaagtctc tccagtcaga gtcaaagagg aattcttgcc attgagggtga 840

ttctcggcct	gcgctgactc	ctgttgagct	cggcgaccca	tcttgccct	ggaggtagcc	900
aagctgtagc	gaagctcctc	gtccaagtcg	agcaaatacct	ccatctccgc	ggccgacgaa	960
atcgtcggcc	cggaattcc	gaca				984

<210> 8184

<211> 1344

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1220)...(332)

<223> similar to gi4139266 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8184	
tttttttttt	60
gtaatcatgg	120
cattttctctc	180
aacaaaacaa	240
gtctcatgag	300
gcttagggaa	360
tccttgccgg	420
ttgctaacca	480
aggtccgcag	540
aggttcacct	600
tcggcataac	660
acgataccgc	720
cccacgggtc	780
ttttccaggc	840
cccatagctg	900
tccatgacaa	960
cctgcagaca	1020
ttcaagacag	1080
ccctctacgg	1140
gctctgacca	1200
cgccgtgga	1260
gacgccgaga	1320
cgacgccggc	1344

<210> 8185

<211> 1708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (715)...(1397)  
 <223> similar to gi4929649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8185

tttcgtcgcc	tccgctatct	gggtcaggac	gcgacggccg	cggcgcggga	ccttaggacc	60
cgcgggctcc	agggctactg	tccgtccgcc	actgcgcgcc	agcaggctcct	ggtctccgct	120
ctccaacagc	tgaaaggccg	gcgcagtga	cacagaaacg	aaaaccaaga	aatgccttat	180
tccacaaaca	aagagttgat	acttggcatc	atggtgggca	ctgctggaat	cagcttgctg	240
ctcttgtggt	accacaaggt	cgttaaacca	gggatatgaa	tgaagttacc	tgaatttctt	300
tctctgggta	atacatttaa	ttcaataact	ttgcaagatg	aaatacatga	tgaccaagga	360
acaacagtaa	tctttcaaga	aaggcaactt	cagatactgg	agaagttaaa	cgaattactg	420
acaaatatgg	aagaactcaa	agaggaaatc	agattttctta	agaagctat	tccaaagctg	480
gaggaatata	tacaagatga	acttggaggg	aaaataactg	ttcataagat	aagccctcag	540
cacagagcga	gaaaaagaag	actccccaca	attcaaagtt	cagcaacaag	taatagttca	600
gaggaagcag	aaagtgaagg	agggatatatt	acagctaata	ctgacacaga	agaacagagt	660
tttccagtc	ctaaggcatt	taacacacgt	gtagaggaat	taaatttaga	tgtccttctt	720
cagaaggtag	atcattttacg	tatgagtga	tctggcaagt	cggagagttt	tgaactactt	780
cgtgaccaca	aagaaaagtt	tagagatgaa	atagagttta	tgtggcgatt	tgctcgtgct	840
tatggagaca	tgtatgaact	atctacaaac	acacaagaaa	agaaacatta	tgctaatatt	900
ggaaaaactt	taagtgaag	agctattaat	agagcaccca	tgaatggaca	ttgtcatctg	960
tggtatgcag	ttttgtgtgg	ctatgtatct	gagtttgagg	gtttacaaaa	caaaatcaac	1020
tatgggcacc	tcttcaagga	acatctagat	atagcaatca	aacttttacc	agaggaaccc	1080
tttctatatt	acctcaaagg	gagatactgc	tatactgtct	caaaactgag	ctggattgag	1140
aaaaaaatgg	cgtctactct	gtttggaaaa	ataccatctt	caactgtaca	agaagcttta	1200
cacaatttcc	ttaaggctga	agaactatgc	cctggttatt	ctaattccaa	ttacatgtac	1260
ttagcaaagt	gttatactga	tcttgaggaa	aaccagaatg	ctttgaagtt	ctgtaatttg	1320
gctttattgc	ttcctactgt	taccaaagag	gataaagagg	cacagaaaga	gatgcaaaaa	1380
ataatgactt	ccttgaagag	gtaaataaac	gaattttactc	ttcaacaaat	cagatgtggg	1440
ctaccaaagt	ttaaatgaat	caaagttgtg	cttttattat	ccttcatttt	tgatgtaagg	1500
gtattgtgct	tagatttgaa	ggtaaagcca	tgtttctgca	gaatgcattc	cactagtagc	1560
actacaaagt	taattatgtt	atttggagaa	tctatatact	ataatgtcaa	tacataatct	1620
ataaacatgt	atgctttata	tttttcttat	caataaactg	cagccttaag	aatatttctt	1680
taaataaaat	atttaaattcc	aataaaaa				1708

<210> 8186  
 <211> 1793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1556)...(1176)  
 <223> similar to gi4191272 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8186
ttttttttatt ttttttttttc ttttaaaatg tgagtttttta acacttgaag gattttcattc      60
ttaactctca attatataat tacaaaaaaa atccaagttt caggaaaaca tacttaatcc      120
taacataaaa ttcatgtcac ttatcacaaa gacagtcaag tgtataaagg agaaacaaaa      180
cagaagcagt atttacaagt ttaaaactaca tgagatgttg tgaacaatct tttgttaata      240
aacagcagct tacatacttt tacatactac atttcaaaaa tgcactctgtg aataatatga      300
taaagcgcat agtggtgaag acttttaatt aaatccaagg tcatcatgtt gaagacctga      360
aattaaattc aagggtgtag tgatgaaaaa tttaaagtca aggtcttagc gataaagact      420
ttaaattcaa agacagattg tctaaggaca aaccactagc gttcaagttg tttagtcaat      480
tagttctctg tgagtacaaa atattaggaa tcactaaatg gattagccta attacaaatt      540
ttgatcattt cttaaataact cacaactgca agaagtcctt tcacagaatg agtcacatag      600
tttctctcta tccttgtgca ggtattttta atcccttatt caaaacaggt tcctctcca      660
tttctagatt tttgtaagta taaaatattt taaaacaaag gtatgtccgt tccttagcta      720
gagaactatt ctccactga ctctggaag agaaaaaaaa gattcccat tcttctcta      780
cctcaaaaac acaaagcaa cccaaacaat ccaattccta atgtagtgtc acatagaacc      840
cagggcctga aacaatattt catgctagtt ttctgtctat atgcagagaa caatttagtt      900
atttacatta ttgagaaatc tatttaacag cctagaatca tcctagtgtc tccatcagca      960
gaaggcttgc taaaaaaggc gtgagcagcg gcgtctgcga atgggaacat caaagactct     1020
cctccgtctc tcctcttcat catcttcatc tgattcatcc atatctgctg aatcatcatc     1080
ctcgtcttcc tcctcttcc tctcctcctc ttcttccatc tcttcatatt catcaggacc     1140
catttccaat cgggctatag acaccctgaa tgttgacat gccatatgga atcggggaat     1200
ggcaacatta aagatcttgt ctttaaagta aagaaaatgg aagggtataat atccttccat     1260
gtatcctgat gttgtagaga atgtggtaca gcttgtgtat tcatataccc gacctgggt     1320
gatgattgga aattcaccaa ctactccagg tccttgaact tcttccacgt cacccttagc     1380
atthgttatt ctccaatagc gactgtccaa ctgacaggcc ttctcaggaa gtgcatcttt     1440
tgacatttca atcctgattc ggtatgtgaa gaaatagtgg ggtggatgta cagagctaag     1500
ttctggcaga aacgatgtgg aaactgacac agtaatatcc ccagttgttg ctacacattc     1560
tggtatcgta acatatctga aaatttggtc tctgatgatg ggggaagccac ctgatacaac     1620
atthttgaca taagaggtaa accagtcagt aaaagtagca cctataataa acatgtcaat     1680
agcagctgga ttctgagcca tttggtctgg acattggtag aaaacttcat ttttgtttcg     1740
gccctctgca gcttccactg ctatgtactg actcaaacca gtatgtatgc aaa           1793

```

<210> 8187

<211> 2342

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (90)...(1415)

<223> similar to gill154950 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8187
gcggccgcgt ctgggggtggc tctcatccc tcaatgccat ggtctacgtc cgggggacag      60
ccgaggacta cgagcgtctg cagcgccagg gcgcccgcgg ctgggactac gcgcactgcc      120
tgccctactt ccgcaaggcg cagggccacg agctgggcgc cagccggtac cgggggcgcg      180
atggcccgcg gcgggtgtcc cggggcaaga ccaaccaccc gctgcactgc gcattcctgg      240
aggccacgca gcaggccggc taccgctca ccgaggacat gaatggcttc cagcaggagg      300
gcttcggctg gatggacatg accatccatg aaggcaaacy gtggagcgca gcctgtgcct      360

```

acctgcaccc	agcactgagc	cgcaccaacc	tcaaggccga	ggccgagacg	cttgtgagca	420
gggtgctatt	tgagggcacc	cgtgcagtgg	gcgtggagta	tgtcaagaat	ggccagagcc	480
acagggctta	tgccagcaag	gaggtgattc	tgagtggagg	tgccatcaac	tctccacagc	540
tgctcatgct	ctctggcatc	gggaatgctg	atgacctcaa	gaaactgggc	atccctgtgg	600
tgtgccacct	acctgggggt	ggccagaacc	tgcaagacca	cctggagatc	tacattcagc	660
aggcatgcac	ccgccctatc	accctccatt	cagcacagaa	gcccctgcgg	aaggtctgca	720
ttgggtctgga	gtggctctgg	aaattcacag	gggagggagc	cactgcccc	ctggaaacag	780
gtggggttc	ccgcagccag	cctgggggtc	cccaccgga	catccagttc	catttctgc	840
catcccaagt	gattgaccac	gggcgggtcc	ccaccagca	ggaggcttac	caggtagatg	900
tgggggcccat	gcggggcagc	agtgtgggct	ggctcaaact	gagaagtgcc	aatccccaa	960
accaccctgt	gatccagccc	aactacttgt	caacagaaac	tgatattgag	gatttccgtc	1020
tgtgtgtgaa	gctcaccaga	gaaatttttg	cacaggaagc	cctggctccg	ttccgaggga	1080
aagagctcca	gccaggaagc	cacattcagt	cagataaaga	gatagatgcc	tttgtgcggg	1140
caaaagccga	cagcgcctac	caccctcgt	gcacctgtaa	gatgggccag	ccctccgac	1200
ccactgccgt	ggtggatccg	cagacaagg	tcctcggggt	ggaaaacctc	agggctcgtc	1260
atgcctccat	catgcctagc	atggtcagcg	gcaacctgaa	cgccccca	atcatgatcg	1320
cagagaaggc	agctgacatt	atcaaggggc	agcctgcact	ctgggacaaa	gatgtccctg	1380
tctacaagcc	caggacgctg	gccaccagc	gctaagacag	ttgctgctgg	aggatgacca	1440
gggaagcccc	ctgataagcc	aagagggcca	gcacagccct	tgctcccagg	ctcctgcctg	1500
aaactatcta	gcacactagg	acccagggtg	taccctactc	agtggctgag	aattggataa	1560
agtcttggga	aatgagacaa	gtactgggca	gtgaatccag	ctccttttcc	ccagcctttc	1620
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agggacagaa	ggggagggat	gttaactcct	gccgcatect	ttttcttgtg	ttcacgtggc	1740
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agaccacgg	agggttcg	aaggaagggg	catcctcctt	cttgagctgc	aagcttttagc	1860
tgaggcagta	agtcacacag	tagttagttc	agcctgggct	ggcacataag	taagtcccca	1920
gtgtccctgt	tgagagggga	aagttgcctg	ctggttgaaa	aactggcttt	tcctttctcg	1980
ctgcctaatt	tcactctcag	agtgaggcag	gtaactgggg	ctccactggg	tcactctgag	2040
agggttgtgg	ctctggttct	tattaaacca	gggcagggtg	cagggtcac	acctgtaac	2100
ccagcacttt	gggaaggtca	cttgagctca	ggagttcaag	accagcctgg	gcaacatagt	2160
gagaccttgt	ctctggaaaa	caattagctg	ggcatgggtg	tacacacctg	tagtccagc	2220
tacttgggag	gctgaggcgg	gaggatggct	ttagcccagg	aggttgaggc	tcctgtgaac	2280
cctgatggca	ccactgcact	ccagcctggg	tgacagggtg	agaccctgtc	tcaaaaaaaaa	2340
aa						2342

<210> 8188

<211> 1346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (428)...(1057)

<223> similar to gi4586109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8188

gcggccgctg	cgactccgga	gccggcgggg	ggctccggtc	cttccctgcg	ccaccgcaca	60
ggacatctct	ctggctgggg	agcggcggtg	agaccgcgcg	agggcgctctg	tgtccctcct	120
cccccgcggt	cctcggtgcg	tccgcacgcc	cctcctcctc	ggctccctcc	ttcttctctc	180

cgcgcctctc	cgccccctcc	ccgtctccgc	aggccgagtg	gtgcggcccg	cctccagctg	240
accggcctgg	aatcccggct	ccgagccccc	gaactcgcgc	cgccccgcgc	cccgtccctt	300
ccccctcccc	cgcccccgag	ccccccgacg	ccgcgcgccac	cgtctcctca	gagcggtgcc	360
cgggcccagc	cgccgccacc	gctgcgcgcg	ccgagctccg	ccgcgcgcga	gcaccatggg	420
agacgctggg	agcagagcga	gcaaagcgcc	cagcctgcgc	cctcgcctgc	cctgcggctt	480
ctgggggtcc	agcaagacta	tgaatctctg	ttccaaatgc	tttgctgatt	ttcaaaagaa	540
acagccagac	gatgattccg	ctccaagtac	aagtaacagc	caatcagatt	tgttttccga	600
agagaccacc	agtgacaaca	acaatacctc	gataaccacg	ccaactctta	gtcccagcca	660
gcagccgctt	ccgacagaac	tgaatgtaac	ttcacccgag	aaagaggagt	gtggggccatg	720
cacagacaca	gctcatgtct	cattaatcac	accaacaaaa	agatcctgtg	gtacagattc	780
acagtctgag	aatgaggctt	caccagtaaa	acggccacga	ctacttgaga	atacggaacg	840
gtccgaggaa	accagtcgat	ctaaacagaa	gagtcgacgt	cgggtgcttc	agtgccaaac	900
caaactggag	ctggtgcagc	aggaattggg	atcgtgtcgc	tgcggttatg	tgttctgtat	960
gttacatcgc	ctccccgagc	agcacgactg	cacattcgac	cacatggggc	gtggccggga	1020
ggaagccatc	atgaaaatgg	tgaagctgga	ccggaaagtg	gggcgctcct	gccagcgcac	1080
cggggagggg	tgctcctgaa	ggccaggcat	ggccaccacg	tgacgctggt	cttagttcac	1140
taatgttagc	cttatttagg	acaaagtcag	ccagacacct	tgtactgggc	acgcgtcaga	1200
ctgcagccag	tccgtttcct	ttcttttagc	agccatcctg	gtactgtagt	ttaggggttg	1260
atgggtggtg	aaattgattt	ctggctgggt	actaagggtg	ctgctagcca	ttgtataaaa	1320
ttaaaacatg	aagaataaaa	aaaaaa				1346

<210> 8189

<211> 1554

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(934)

<223> similar to gi3191964 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8189

ctcctctcga	gcgtccctcag	cgcagccgcg	gcccgcggag	ccagcacgaa	cgagcccagc	60
accggccgga	tggagcgtcc	gcaaccgcac	agcatgcccc	aggatttgct	agaggccctg	120
aaggaggcca	ccaaggagg	gcacaccag	gcagagaatg	ctgagttcat	gaggaaactt	180
cagaagggcc	aggtgacccg	agacggcttc	aagctggtga	tggcctccct	gtaccacatc	240
tatgtggccc	tggaggagga	gattgagcgc	aacaaggaga	gcccagtctt	cgccccctgtc	300
tacttcccag	aagagctgca	ccgcaaggct	gccctggagc	aggacctggc	cttctggtac	360
gggccccgct	ggcaggaggt	catcccctac	acaccagcca	tgacgcgcta	tgtgaagcgg	420
ctccacgagg	tggggcgcac	agagcccag	ctgctggtgg	cccacgccta	caccgcctac	480
ctgggtgacc	tgtctggggg	ccaggtgctc	aaaaagattg	cccagaaaagc	cctggacctg	540
cccagctctg	gcgagggcct	ggccttcttc	accttcccc	acattgccag	tgccaccaag	600
ttcaagcagc	tctaccgctc	ccgcatgaac	tccctggaga	tgactccgcg	agtcaggcag	660
aggggtgatg	aagaggccaa	gactgcgttc	ctgctcaaca	tccagctctt	tgaggagtgtg	720
caggagctgc	tgacccatga	caccaaggac	cagagcccct	cacgggcacc	agggcttcgc	780
cagcgggcca	gcaacaaagt	gcaagattct	gcccccgctg	agactcccag	agggaaagccc	840
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gtggcgacag	ttgctgtagg	gctttatgcc	atgtgaatgc	aggcatgctg	gctcccaggg	960
ccatgaactt	tgtccgggtg	aaggccttct	ttctagagag	ggaattctct	tggtctggctt	1020

ccttaccgtg	ggcactgaag	gctttcaggg	cctccagccc	tctcactgtg	tccctctctc	1080
tggaaaggag	gaaggagcct	atggcatctt	ccccaacgaa	aagcacatcc	aggcaatggc	1140
ctaaacttca	gagggggcga	agggatcagc	cctgcccttc	agcatcctca	gttcctgcag	1200
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tcctggctca	gcctcaaagt	cagtattttt	gttgtgttct	gttgttttta	tagcaggggt	1440
ggggtggttt	ttgagccatg	cgtgggtggg	gagggaggtg	tttaacggca	ctgtggcctt	1500
ggtctaactt	ttgtgtgaaa	taataaacia	cattgtctga	tagtaaaaaa	aaaa	1554

<210> 8190

<211> 1519

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(721)

<223> similar to gi5788109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8190

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ccgccaccgt	ctcggagaaa	gaaccgtttg	gcaagctgca	actctcctcc	cgggaccctc	120
cgggttctct	gtccgccaa	aaggtccgga	ctgaggagaa	gaaggcaccg	cggagagtga	180
acggagaagg	gggcagcggc	gggaacagca	ggcagctgca	gccgccggca	gcaccttcgc	240
ctcagagcta	tggcagcccc	gcgtcttga	gctttgcccc	tctgtctgct	gtcctctccc	300
cgtcctcttc	tcggagcagt	ttctctttct	ccgtcggcac	ggccgttccc	tcctcagcct	360
ccgtcttcct	gtctcagccg	gggccgcgca	aactgctggg	ccctcctacg	ctgctgcacg	420
ctcagcctca	ccatctcctc	ctgcccgcgc	ccgccgcgcg	tgccctcggt	aacgccaagt	480
cgcgagacc	taaggagaag	cgggagaagg	agaggaggag	gcacgggtct	ggtggggccc	540
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aaaagaaaca	caaagagaat	gaaaaacgga	agcgtccgaa	aatgtatagc	aatctatttc	840
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ttccagagaa	cagtgaagtt	ccatttgtct	cattaaagga	gccacgagtt	cagaataacc	1020
tcaaaagggt	ggacactttg	gaatttaaac	aactcattca	tatagagcac	cagcctaagt	1080
gaggtgcac	ggttatccat	tgctatcagt	aacgaactct	cccacctgtc	tcctatgggg	1140
gatgggagag	gtttgcagaa	gagtttgtgg	ggtctaggtg	ttcagtgaag	atgaaaactc	1200
tggcagcttt	cctacgtgat	ggggtattgt	tccatggggc	agctacttat	ttacctgac	1260
tttttagact	atttttcatt	taattttccc	caattcaccc	agtgaatg	gagatattgg	1320
gaaagaaaga	tatagagaca	acgactatgt	ccaattttca	tgctcagagt	ctcactgtac	1380
tccagcctgg	acgacagagt	gagactccat	ctcaaaaaaa	aagaaagaaa	ttcatgataa	1440
tgctatcctc	taggtgggaa	ggagaaacca	aaaacaaata	tagaagactt	acaaattaaa	1500
aaggtaaaca	aaaaaataa					1519

<210> 8191  
 <211> 3826  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (173)...(1224)  
 <223> similar to gi3550283 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8191

ccacgcgtcc	ggggggtgctg	ggcctggcgg	gcaaactaag	gctgcggaac	gttgggcggt	60
tccgcggggc	gttgctccga	gagctgcgag	gccgggggttc	ccaggggttca	cgccacactc	120
taggaagtgc	ctgagctagt	gagctggcca	acgagctccg	cgggctggga	ccatgggctg	180
cttcttctcc	aagagacgga	aggctgacaa	ggagtcgcgg	cccgagaacg	aggaggagcg	240
gccaaagcag	tacagctggg	atcagcgcga	gaaggttgat	ccaaaagact	acatgttcag	300
tggactgaag	gatgaaacag	taggtcgctt	acctgggacg	gtagcaggac	aacagtttct	360
cattcaagac	tgtgagaact	gtaacatcta	tatttttgat	cactctgcta	cagttaccat	420
tgatgactgt	actaactgca	taatttttct	gggacccgtg	aaaggcagcg	tgtttttccg	480
gaattgcaga	gattgcaagt	gcacattagc	ctgccaaaca	tttcgtgtgc	gagattgtag	540
aaagctggaa	gtctttttgt	gttggtgccac	tcaaccctac	attgagtctt	cctcaaatat	600
caaatttgga	tgttttcaat	ggtactatcc	tgaattagct	ttccagttca	aagatgcagg	660
gctaagtatc	ttcgacaata	catggagtaa	cattcatgac	tttacacctg	tgtcaggaga	720
actcaactgg	agccttcttc	cagaagatgc	tgtgggttcag	gactatgttc	ctatacctac	780
taccgaagag	ctcaaagctg	ttcgtgtttc	cacagaagcc	aatagaagca	ttgttccaat	840
atcccggggg	cagagacaga	agagcagcga	tgaatcatgc	ttagtgggat	tatttgctgg	900
tgattacact	attgcaaatg	ccagaaaact	aattgatgag	atgggttggt	aaggcttttt	960
cctagttcag	acaaaggaag	tgtccatgaa	agctgaggat	gctcaaaggg	tttttcggga	1020
aaaagcacct	gacttccttc	ctcttctgaa	caaaggtcct	gttattgcct	tggagtttaa	1080
tggggatggt	gctgtagaag	tatgtcaact	tattgtaaac	gagatattca	atgggaccaa	1140
gatgtttgta	tctgaaagca	aggagacggc	atctggagat	gtagacagct	tctacaactt	1200
tgctgatata	cagatgggaa	tatgaagtgc	aatgtggaac	caggacttgg	tattaagcct	1260
ttcccaactt	gtgaatatag	aatttgataa	tacacttttg	tgtattagca	atggttttta	1320
ctaagtctaa	aactttttaa	gtttattttt	taataaattg	ttgagtatta	catcatttac	1380
ttgaggttca	aaaataattc	attttaaatt	aagtagtttt	aatcagctta	aaagctattt	1440
aaccattttt	aataagcttg	cagttttggt	tctctgcata	tgatattctt	attagaaaac	1500
agaagtagct	aaaagtttat	tattttaatc	ctattttaaa	gttcctttcaa	atctctaata	1560
atttaaactt	tcttcagtgc	tccatgatac	tttttttgag	actccatata	attgcttatt	1620
ttaccttttt	caattaagag	ggatttggtta	ctagtcgata	aattagaatg	aacctatgca	1680
cattttttatg	tacacatatc	cagttatata	attgcttcct	agttgcatta	tatggcaaat	1740
gagattttgt	acatggagtt	gacataatac	tttgtaaatt	gaatttttta	aagaaatagg	1800
catttgataa	ccagcttggc	aagtaactct	actaacagat	gttggtatag	ctatttaaag	1860
actacttcgt	aagtagtatg	attatttgaa	taaattacac	attgtttagt	tttttaatac	1920
aactgctata	tgactcttct	gcttcttgat	aagaaaaggt	atatgcaatg	ctaaaactgt	1980
agaagcccaa	tcaccagcag	tttttaaaaa	ggtgataact	tttattagct	cttggtgggt	2040
atcaagagaa	ttagaccaa	cccttgtagc	ttttaggtta	gaaataggca	tgatgataag	2100
ctatgcagat	tattaaaaag	cttgatacat	ttgatttttc	attagatatg	ccattcatat	2160
caagtaatgt	tcaagtatga	taaaattatt	ttggttgctt	taaagcactg	tttcccaa	2220
ctacctgatc	ataataattt	accaggaagc	agaggagagc	tacttgttta	aaaatccaca	2280
ttcttggacc	caatcctcag	atgcacggat	tcagtcttca	ggggaaactc	tgttttaagg	2340



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ggcactgaat	ctgccatcca	catcacatat	agcagctatt	atgaaatcag	ctttcatagg	2460
cctatTTTTA	aaaggaatct	gaaatttaaat	tctatTTTTga	taaaactaag	actgaaaata	2520
accacttgta	aacattccta	tgattgttac	taaaatgtat	tttcatgttt	aaaatgtttt	2580
tggatatttt	tgggttaata	actactacat	tgaattgcat	gttaaggtgc	agaaataata	2640
cattaaaaga	ttttcacttt	aaattaatta	gtaatattga	gcgctcacc	tgtgcgtggc	2700
cttgtgctaa	ccattagcac	tgcatcattt	caattctttt	ataagggcat	tcaatactac	2760
aaaatcaaca	tgatttcata	aggTgcaaat	aaaagttggT	gacagattta	atataatttt	2820
gatacaaat	tacaaatgat	ctttgcaaat	agtggTcaga	cggcattagt	ttttccctta	2880
gttaagctaa	attaaagggg	ctccatcctg	ttatgattat	attattatta	ttattattat	2940
tatttttgag	gtggagtTtc	actcttgTtg	cccaagctgg	agtgcaatgg	cgcgatctcg	3000
gctcaccaca	acatccgcct	cctgggtTca	agcgattctc	ctgcctcagc	ctcctgagta	3060
gctgggaata	caggcatgcg	ccactacacc	tggctaattt	ttgtattttt	agttgagatg	3120
gggtttttcc	acgttggtca	ggctggTctc	gaactcctga	cctcaggtga	tccgtccacc	3180
tcagcctccc	aaagagctgg	gattacaggt	gtgagctacc	gcgcctggcc	atgatgatat	3240
tattaaacac	cattattcac	atttcaaata	ataacaatac	tttttgTTTT	tcaaaaataa	3300
aatgcaatgt	tataaaagc	tataaactaa	gttctttatg	atatttgagc	aacaactcag	3360
gaatataaca	tataagggag	atgttaattt	aaaaatttcc	actacactta	ttatctatta	3420
accaaagctt	aaaattttgt	attcttctgt	tagataagac	cttttacc	tttaatttgt	3480
ctttaaggac	agtcatttgg	cttctgaatg	tttgaaacga	ttttaaaaaa	taagtagtgc	3540
tatggTtgtt	tctataattc	taacctttga	tagtaatcag	aatgtattac	atttcatttc	3600
tgaatagctt	ttgaatttat	gaaaaattat	taacaatgaa	aaattggtaa	ttttattaag	3660
ttatatgtgt	ttaaatatta	tattagctta	tttctcttgc	attaatagta	ctgctgtttt	3720
ttgttttgct	tctttatatt	tatgtctagc	ttttatatgt	aatttatctt	agtgtttata	3780
aaatgtgatt	tgtaataaat	gttgTtaaaa	tgaaaatgga	aaaaaa		3826

<210> 8192

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (322)...(1169)

<223> similar to gil480112 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8192

gtacaccac	cgggtcgacg	atttcgtcta	gcggcgggcg	gagcgggcgc	gttggccggtt	60
tggcacgcgg	gcgccaggac	cggccgaacg	cagaggttga	ttcttcacca	cactgaaacc	120
attaggaaaa	atccctgttg	ttaacagcag	aggcttcaga	gtgtaacctg	tactcggggc	180
tagaaattat	ttaaaatggc	gactgatacg	tctcaaggtg	aactcgtcca	tcctaaggca	240
ctcccaactta	tagtaggagc	tcagctgac	cacgcggaca	agttaggtga	gaaggtagaa	300
gatagcacca	tgccgattcg	tcgaactgtg	aattctaccc	gggaaactcc	tcccaaaagc	360
aagcttgctg	aaggggagga	agaaaagcca	gaaccagaca	taagttcaga	ggaatctgtc	420
tccactgtag	aagaacaaga	gaatgaaact	ccacctgcta	cttcgagtga	ggcagagcag	480
ccaaaggggg	aacctgagaa	tgaagagaag	gaagaaaata	agtcttctga	ggaaacccaa	540
aaggatgaga	aagatcagtc	taaagaaaag	gagaagaaaag	tgaaaaaac	aattccttcc	600
tgggctaccc	tttctgccag	ccagctagcc	agggcccgaga	aacaaacacc	gatggcttct	660
tccccacgctc	ccaagatgga	tgcaatctta	actgaggcca	ttaaggcatg	cttcacagaag	720

agtgggtgcat	cagtggttgc	tattcgaaaa	tacatcatcc	ataagtatcc	ttctctggag	780
ctggagagaa	ggggttatct	ccttaaacaa	gcactgaaaa	gagaattaaa	tagaggagtc	840
atcaaacagg	ttaaaggaaa	aggtgcttct	ggaagttttg	ttgtggttca	gaaatcaaga	900
aaaacacctc	agaaatccag	aaacagaaa	aataggagct	ctgcagtgga	tccagaacca	960
caagtaaaat	tggaggatgt	cctcccactg	gcctttactc	gcctttgtga	acctaaagaa	1020
gcttcttaca	gtctcatcag	gaaatatgtg	tctcagtatt	atcctaagct	tagagtggac	1080
atcaggcctc	agctgttgaa	gaacgctctg	cagagagcag	tagagagggg	ccagttagaa	1140
cagataactg	gcaaagggtg	ttcggggaca	ttccagctga	agaaatcagg	ggagaaaccc	1200
ctgcttggtg	gaagcctgat	ggaatatgca	atcttgctcg	ccattgctgc	catgaatgag	1260
ccgaagacct	gctctaccac	tgctctgaag	aagtatgtcc	tagagaatca	cccaggaacc	1320
aattctaact	atcaaatgca	tttgctgaaa	aaaaccctgc	agaaatgcga	aaagaatggg	1380
tggatggaac	agatctctgg	gaaagggttc	agtggcacct	tccagctctg	ttttccctat	1440
tatcccagcc	caggagttct	gtttccgaag	aaagagccag	atgattctag	agatgaggat	1500
gaagatgaag	atgagtcatc	agaagaagac	tctgaggatg	aagagccgcc	acctaagaga	1560
aggttgacga	agaaaacccc	agccaagtcc	ccagggaagg	ccgcatctgt	gaagcagaga	1620
gggtccaaac	ctgcacctaa	agtctcagct	gccagcgagg	ggaaagctag	gcccttgcc	1680
aagaaagcac	ctcctaaggc	caaaacgcct	gccaagaaga	ccagaccctc	atccacagtc	1740
atcaagaaac	ctagtgggtg	ctcctcaaag	aagcctgcaa	ccagtgcaag	aaaggagtaa	1800
atttgccggc	aaggcaaata	caccatgaag	aggtctt			1837

<210> 8193

<211> 1042

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (923)...(418)

<223> similar to gi3790173 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8193

tttttttttt	ttgccacact	aatgcccttt	cccagggcag	tttaattggt	atcatttgta	60
aaaaggtctt	ttccatcacc	cccaaagcct	ttgcattccc	tttccaagaa	gggggctggt	120
aactggtttg	ggccccatgg	gcaacagtag	gccttggtat	gaggetgcca	taacactccc	180
atgggacact	ccagggtgac	atccaagtgc	aagtctatgt	tcagctctgg	gacagcaggg	240
gggaagggtga	ggagagtcag	gtctgtaaat	tgaagctggg	cagggccctg	gctgggctgg	300
gagatgtgtg	gggcaagggt	agcaggcccc	atgttgccac	ccagcttcca	gtgcccactg	360
atgtggctga	agcccagggt	ggttgtggtc	actttgcctt	cagaggaagg	tctggcgggc	420
tctgactgct	gctgggggtg	ggctggggcc	ctctccgcgc	ccgtctggca	ccaccactgg	480
gccggccccc	actccgcgcg	tgccgcttgg	ttggggggga	gccctgctga	gaatttgtag	540
aactgcttga	ctgccgacgg	cgacggcagc	taccctctgt	cctctttgaa	gagctggagg	600
tgccatagct	atagcgttct	ggagacactg	gccggcgccg	cttgccgcgc	aggtgcggca	660
gcaggtcgtg	gcgggccagc	acgcgcagga	ggtgccccag	cagccgcagg	ttgctctcgt	720
cgcactgccc	gcggcgctcc	agctccagca	ggagctttag	gccgctgcgg	gcccgggata	780
agcctccggc	ggcgccagga	gcctcatcca	gcagaaaggc	caggagctcc	agctcgcaact	840
cggtcagttg	cccggccacc	acctcgaaca	tacgggtgaag	cgacagcacc	ccgtagtagt	900
ccaggcactc	atcctcctcc	cagcacgggg	ccgggggtcg	cccggatagc	gccattcccg	960
ggggagggag	gcggaacaag	ctcagaaccc	ggccagattc	tggcgtccga	tgactcctgg	1020
gcgacggccg	cagccacttg	tt				1042

<210> 8194  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (162)...(37)  
 <223> similar to gil072242 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8194

cttccatcca	tccacccatc	cacccatcca	tccatccacc	cacccatcca	tccatccatc	60
catccatcca	tccatccatc	catccaccca	cccatccatc	catccatcca	tccatctgtg	120
gcttctacct	gtgcgaatct	ctgtgctaca	aaattctttt	caatttagca	ttaaacttta	180
tttccataca	gttggcacct	cactgccgcc	aaaagtgagt	ccgcaggaac	tccactggaa	240
tatttgctca	ggggaaacta	actaatcatc	tgtttcaagg	ttggtattca	ttttagtctt	300
tgacctctga	ttatggggac	tttcagggaa	agctgtttgc	aaggtgagca	tgaatcaggt	360
gaaacagcaa	gatctgaagt	caggacagag	taagcaaatt	atccacagac	ctaatatgta	420
ccctctgaag	ctggaaagtg	ggggccacct	ggtagcattt	gagcaggggt	cacttatggt	480
cccccataag	tctgcacagc	tcctaaacaa	ggtccagtgg	ggcaacttat	ttttatgtgg	540
gtccctttat	aggcatgctg	ttaaggggtg	cataaccaca	ggccagttga	ggaagggaac	600
cctactggga	tttaaccag	tgacattata	taagcaatcg	cttgagcca	cataggtagt	660
tcgcaggtcc	tgaatatgtg	gtgcctgaaa	gcataggtgt	aggcagtgtt	cattgcatag	720
gcattagctg	gacaggtttt	tttccatatt	ggcacttatt	aattgacaag	gtcaggggtac	780
acttccaatg	agtgtaggga					800

<210> 8195  
 <211> 1290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (37)...(763)  
 <223> similar to gi34838 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8195

gctgcgagaa	gacgacagaa	gggcaaggag	gagaacatga	tgatggacct	ttttgaaact	60
ggctcctatt	tcttctactt	ggatggggaa	aatgttactc	tcgagccatt	agaagtggca	120
gaaggctctc	ctttgtatcc	aggagtgat	ggtacctgt	cccctgcc	ggaccaaagt	180

cccccggaag	cggggagcga	cagcagcgga	gaggaacatg	tccctggcgcc	cccgggcctg	240
cagcctccac	actgccccgg	ccagtgtctg	atctgggctt	gcaagacctg	caagagaaaa	300
tctgccccca	ctgaccggcg	aaaagccgcc	accctgcgcg	aaaggaggag	gctaaagaaa	360
atcaacgagg	ccttcgaggc	actgaagcgg	cgaactgtgg	ccaaccccaa	ccagaggctg	420
cccaaggtgg	agattctgcg	gagcgccatc	agctatat	agcggctgca	ggacctgctg	480
caccggctgg	atcagcagga	gaagatgcag	gagctggggg	tggaccctt	cagctacaga	540
cccaaacaag	aaaatcttga	gggtgcggat	ttcctgcgca	cctgcagctc	ccagtggcca	600
agtgtttccg	atcattccag	ggggctcgtg	ataacggcta	aggaaggagg	agcaagtatt	660
gattcgctcag	cctcgagtag	ccttcgatgc	ctttcttcca	tcgtggacag	tatttcctcg	720
gaggaacgca	aactcccctg	cgtggaggaa	gtgggtggaga	agtaactgag	cctgcgcttg	780
agaccttctc	cacgcagcag	gaagatccca	ccgacccttc	ctggccta	ccttttagatt	840
aggtcacatt	acattaacat	ttaggaaccc	agaccgaaaa	gttgctgaaa	gggaaggaga	900
cacattcaca	aagaaaagtt	gcgaaaattg	cgaatctgt	tgtgcatgct	caaataaaaa	960
cgcctttcgg	ctttgggctt	ttattttttt	ggaactgcga	gtggcttagg	tctagcctca	1020
ttttgttttt	gtttggttgg	ttttatacta	tattaaactt	tattacggtg	atccttttgt	1080
gccatgttca	aaagaagttc	attcctgtct	aaagtgggaa	agttgcattt	aatgttaggg	1140
gtatttaaat	tatttttgta	aatagtttag	cactttcttt	ttttacgtaa	acctgaaata	1200
tattttaaat	gtggaatgat	gtatataaaa	tgtgctgagg	atcctggtat	tgtaatatta	1260
aaaagaagtt	tctatatgaa	aaaaaaaaaa				1290

<210> 8196

<211> 2190

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (373)...(1381)

<223> similar to gi2088669 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8196

gaagacattt	tccccgcaca	actgctaaag	ctccagagac	acgagcgtgt	gtggcagcaa	60
gagccgccag	ttcgggacca	ccgcagctgg	gggtggcagcg	gcgcaggagg	ggtcgcgggg	120
agggagtgga	ctgaccaggg	ccaagtggcg	ctcggcgggc	actacatggc	ggagggtgaa	180
gggtacttcg	ccatgtctga	ggacgagctg	gcctgcagcc	cctacatccc	cctaggcggc	240
gacttcggcg	gcggcgactt	cggcgggcgg	gacttcggcg	gcggcgactt	cggcgggcgg	300
gacttcggcg	gtggcggcag	cttcggtggg	cattgcttgg	actattgcga	aagccctacg	360
gcgcactgca	atgtgctgaa	ctgggagcaa	gtgcagcggc	tggacggcat	cctgagcgag	420
accattccga	ttcacggggc	cggcaacttc	cccacgctcg	agctgcagcc	gagcctgac	480
gtgaaggtgg	tgcggcgggc	cctggccgag	aagcgcattg	gcgtccgcga	cgtgcgcctc	540
aacggctcgg	cagccagcca	tgtcctgcac	caggacagcg	gcctgggcta	caaggacctg	600
gacctcatct	tctgcgccga	cctgcgcggg	gaaggggagt	ttcagactgt	gaaggacgtc	660
gtgctggact	gcctgttggg	cttcttacc	gagggggtga	acaaagagaa	gatcacacca	720
ctcacgtca	aggaagctta	tgtgcagaaa	atggttaaag	tgtgcaatga	ctctgaccga	780
tggagtctta	tatccctgtc	aaacaacagt	ggcaaaaatg	tggaactgaa	atttgtggat	840
tcctcccgga	ggcagtttga	attcagtgtg	gattcttttc	aaatcaaatt	agactctctt	900
ctgctctttt	atgaatgttc	agagaaccca	atgactgaga	catttcaccc	cacaataatc	960
ggggagagcg	tctatggcga	tttccaggaa	gcctttgatc	acctttgtaa	caagatcatt	1020
gccaccagga	accagagga	aatccgaggg	ggaggcctgc	ttaagtactg	caacctcttg	1080

gtgaggggct	ttaggcccg	ctctgatgaa	atcaagaccc	ttcaaaggta	tatgtgttcc	1140
agggtttttca	tcgacttctc	agacattgga	gagcagcaga	gaaaactgga	gtcctatttg	1200
cagaaccact	ttgtgggatt	ggaagaccgc	aagtatgagt	atctcatgac	ccttcattgga	1260
gtggtaaatg	agagcacagt	gtgcctgatg	ggacatgaaa	gaagacagac	tttaaaccct	1320
atcaccatgc	tggctatccg	ggtgttagct	gaccaaagt	tcattcctaa	tgtggctaata	1380
gtcacttgct	attaccagcc	agccccctat	gtagcagatg	ccaacttttag	caattactac	1440
attgcacagg	ttcagccagt	attcacgtgc	cagcaacaga	cctactccac	ttggctaccc	1500
tgcaattaag	aatcatttaa	aaatgtcctg	tggggaagcc	atttcagaca	agacaggaga	1560
gaaaaaaaaa	aaaaggaaaa	aaaaaagagg	gatccagccc	ttattaggga	tgtgttttgt	1620
gcaatgatga	tatgtctctg	gttttaagtt	tggcaaagct	tatgtatctt	ttaatagatg	1680
tgggagcatg	atctcgaaag	gatccttttc	ccttctctta	ttctcctacc	caattggatt	1740
ctatcctgca	aaaaaagaga	gacctgtcat	tagaagcaac	caggttctcc	tgatacaaga	1800
gaagaaatgt	gtgatgacaa	tatgggtttg	ctgtatctgc	tcccatagct	ttgccatagg	1860
aaaaaaaaaa	gtggaaagtt	tcttttaaga	tgggaattcat	aaaagggaaa	atacggagga	1920
aaaaaggtct	cactccaact	tgtgaatcag	tttaggagtt	cagatattaa	tagtaacaat	1980
acaggaaaaa	ggggaactcc	aacgttggga	ttactgtctg	aggcttgtag	caagtgtctt	2040
ctgtggaatg	atcttgtttt	gctaacaaac	ggcttgtctc	aatgaacag	tagtaggttg	2100
gtgcagttct	cgtaacaatc	agcagaactt	atgatgacac	aatccattaa	ttccagctgc	2160
gggcatagat	cacattttta	aaatgtaaaa				2190

<210> 8197

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (131)...(945)

<223> similar to gi3252824 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8197

ggcctcgtgc	cagacccggc	ggcggacggc	ggctctcgac	tccggagagc	ggatcgcggg	60
gcgcaggagc	ccgatcgcg	tggccatggc	ctccaacttt	aacgacatag	tcaagcaggg	120
ctacgtgaaa	atccgcagca	ggaagcttgg	gattttcaga	cgatgctggt	tggttttcaa	180
gaaggcttct	agcaaaggac	ccagaagggt	agaaaatttt	ccagatgaaa	aggcagctta	240
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ccgagagaca	aagaagcatg	cggtggcaat	catctttcac	gatgaaacat	cgaagacatt	360
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ggggaccagg	ctcaatgaca	tcagccttgg	ggagcccgac	cttctggccg	caggagtgca	480
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cactcgtcag	aacagcgttg	gtgaaatcta	cagtttgcaa	ggaaatcatg	aaaatcggca	960
ctccgattta	acaggaaaga	gttgcaagac	atccgagaac	agatttcttg	aagaaaatgc	1020
acccttgggt	atgtatggca	tcactcacca	tctgttcatg	gatacttcta	catgcaaagt	1080

tgtacatgac ttggaataaaa ccagctctag ttttatcatc aaa

1123

<210> 8198

<211> 2608

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(1101)

<223> similar to gil785643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8198

ggaattcgcg	gcgccggcgt	ccgcggcagc	tgataccaga	gtcttgctcc	ggccgcggcc	60
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tcaaccatta	agcaaaacat	gggaactcag	tttatatgag	ttacaacgaa	cacctcagga	180
ggcaataaca	gatggcttag	aaattgtggt	ttcacctcga	agtctacaca	gtgaattaat	240
gtgcccaatt	tgtttgata	tgttgaagaa	caccatgact	acaaaggagt	gtttacatcg	300
ttttgtgca	gactgcatca	tcacagccct	tagaagtggc	aacaaagaat	gtcctacctg	360
tcggaaaaaa	ctagtttcca	aaagatcact	aaggccagac	ccaaactttg	atgcactcat	420
cagcaaaatt	tatccaagtc	gtgatgagta	tgaagctcat	caagagagag	tattagccag	480
gatcaacaag	cacaataatc	agcaagcact	cagtcacagc	attgaggaag	gactgaagat	540
acaggccatg	aacagactgc	agcgaggcaa	gaaacaacag	attgaaaatg	gtagtggagc	600
agaagataat	ggtgacagtt	cacactgcag	taatgcatcc	acacatagca	atcaggaagc	660
aggccctagt	aacaaacgga	ccaaaacatc	tgatgattct	gggctagagc	ttgataataa	720
caatgcagca	atggcaattg	atccagtaat	ggatgggtgct	agtgaaattg	aattagtatt	780
caggcctcat	cccacactta	tggaaaaaga	tgacagtgca	cagacgagat	acataaagac	840
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agaacttcga	agcaaaggtg	aatcaaacca	gatgaacctt	gatacagcca	gtgagaagca	960
gtataccatt	tatatagcaa	cagccagtgg	ccagttcact	gtattaaatg	gctctttttc	1020
tttggaattg	gtcagtgaga	aatactggaa	agtgaacaaa	cccatggaac	tttattacgc	1080
acctacaaag	gagcacaat	gagcctttaa	aaaccaattc	tgagactgaa	cttttttata	1140
gcctatttct	ttaatattaa	agatgtactg	gcattacttt	tatggacaga	tcttgatat	1200
gttgttcaat	tttctttctg	agccagacta	gtttacgcta	ttcaaactct	ttccccttta	1260
tttaagattt	cctttttgga	agggactgca	attattcagt	atttttttct	ttcctttaaa	1320
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tgctcttttc	ctgctcccct	caaaagattt	ttagtcatac	agaatgttaa	atattatgta	1500
ttctgacttt	ttttttcccc	cggagtcttg	tatatattata	gttttctata	taaactgtag	1560
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catattctgc	tgaagaaaga	aaaattaaat	tggtagtaaa	atatagtctt	caagtatacg	1860
tttgagagtg	cttttttttg	tattagttct	gctgtcactt	catttctctgt	attatatgtg	1920
atgtttttcc	ccattaaaat	accagagata	atggagatat	tttgcacttt	agccttgatg	1980
aaaagtacaa	gatatgttca	aagcttccct	aatttttttc	ttattttagt	ccacataagt	2040
ttcaagaata	acatggcaca	cagaacaatg	gaaaaaagtt	tctttccatt	ggaaaattat	2100
atcatttttg	gttgccacat	cagtttataa	atttggcgct	cttttaatta	cactctgtag	2160

aaggTTaata	gagcttgagc	cctgctttaa	tatgtagtga	aagataattc	tgtagaaaaa	2220
cgTcagccag	tagggtaaag	tcattctact	gttcttaatt	tttatattga	ggaacaatat	2280
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cagtaccttt	gtaactaaag	tctgtctagt	cattgtaaat	atttatctgt	cagttttgac	2520
agattggggc	cagcttgatg	ttttaaatct	tcagcccggg	atgaaactta	aaggatatata	2580
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<210> 8199

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (496)...(1851)

<223> similar to gi2224689 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8199

ggtgagtctc	ctttctctga	ggaagagagc	atagagttta	acccagcag	ctctgggcgc	60
tcagcgagga	ccgttagcag	caacagcttc	tgctcagatg	acacaggctg	gcctagcagc	120
cagtcagtgt	ctcctgtgaa	gacacctca	gatgctggaa	acagcccat	tggtttttgc	180
cctggaagtg	atgaaggctt	caccagaaag	aaatgcacga	ttggaatggg	tgggtgaagga	240
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gaagctgatt	ttagctcttc	gagcagcaca	ggcagcattt	ccgctcctga	ggtccatatg	360
tcgactgcgg	gaagcaagcg	gtcttcttct	tcacgcaatc	gaggtcctca	tgggcggagt	420
aatggagctt	cgTcacacaa	gcctggcagc	agcccatcat	ccccgcggga	aaaggacctt	480
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tcttcccaa	gcagtagcaa	ctcaggctcc	tacaaaggaa	gcgactgtag	ccccatcatg	600
aggcgttctg	gaaggtagat	gtcttgccgt	gaaaatcatg	gtgtcagacc	cccaaaccac	660
gagcagtatt	tgactccact	gcagcagaaa	gaggtgacag	tgagacacct	caaaaccaag	720
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cggagcagct	tggctgataa	agataaaggc	attcagaaat	attttgtgga	cataaacatc	960
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gcattcagta	ctcagagagg	gggaacggat	cctgtgtata	acatcggggc	cttgctcagg	1800
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atagaagtgt	ttgttaccgt	gtgccaatgt	gtcccatgtg	ggttggtgcca	ggtagagaaa	1920
caggaagtca	atcatctgtg	acagtctcta	ttctgtcgtt	ttgctccttg	gtatttgatt	1980
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agagttagtt	attaaagaaa	atgaagattt	cctaccctta	cttaaaaagc	atcattttctg	2760
aataaaagta	gattttgttta	cttttaaaaa	aaaaa			2795

<210> 8200

<211> 2198

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (215)...(1810)

<223> similar to gi5678940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8200

ctcgtttagtg	ccccctgtgt	ttggggcccc	gtgatctcaa	cggtcctgcc	ctcgggtctcc	60
ctcttcccc	gccccgcctt	gggccagggtg	ttcgaatccc	gactccagaa	ctggcgggcgt	120
cccagtcctcg	cgggcggtgga	gcgcgggagg	acccgccttc	gggctcatgg	cggccccgggt	180
ccgcctgggc	cggaagcgcc	cgctgectgc	ctgtcccaac	ccgctcttcg	ttcgctggct	240
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ggcgctgcgt	tccctccgac	ggtacccact	gccgctgcgc	agcgggaagg	aagctaagat	360
cctacagcac	ttcggagacg	ggctctgccg	gatgctggac	gagcggctgc	agcggcaccg	420
aacatcgggc	ggtgacctatg	ccccggactc	accatctgga	gagaacagtc	cagccccgca	480
ggggcgactt	gcggaagtcc	aggactcttc	catgccagtt	cctgcccagc	ccaaagcggg	540
aggctctggc	agctactggc	cagctcggca	ctcaggagcc	cgagtgatac	tgctggtgct	600
ctaccggggag	cacctgaatc	ctaattggtca	ccacttctta	accaaggagg	agctgctgca	660
gaggtgtgct	cagaagtccc	ccagggtagc	ccctgggagt	gctcgacctt	ggccagccct	720
ccgctccctc	cttcacagga	acctggtcct	caggacacac	cagccagcca	ggtactcatt	780
gacccagag	ggcctggagc	tggcccagaa	gttggccgag	tcagaaggcc	tgagcttgct	840
gaatgtgggc	atcgggcca	aggagcccc	tggggaggag	acagcagtgc	caggagcagc	900
ttcagcagag	cttgccagtg	aagcaggggt	ccagcagcag	ccactggagc	tgaggcctgg	960
agagtacagg	gtgctgttgt	gtgtggacat	tggcgagacc	cggggggggcg	ggcacaggcc	1020
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tggagatttt	gtgtgggtgg	ctcaggagac	caatcctaga	gaccagcaa	accctgggga	1140



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cgacggccgc	ttccgggagc	agaagttccg	actgaagcgc	tgtggtctgg	agcgccgggt	1260
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ccacacccta	cgcagccgcc	cctggggaac	ccctgggaac	cctgaatcag	gggccatgac	1500
ctctccaaac	cctctctgct	cactcctcac	cttcagtgc	ttcaacgcag	gagccatcaa	1560
gaataaggcc	cagtcggtgc	gagaagtgtt	tgcccggcag	ctgatgcagg	tgcgcggagt	1620
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cgcctatgat	gcctgtgcc	cccccaagga	acaagagaca	ctgctgagca	ccattaagtg	1740
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cagctacggc	cccttgacct	gagcttatgc	cgtgaaacag	ccccagccc	ccgtctgtcc	1860
cccaaccag	gctagccagc	cttttaacaa	catcttttgg	ggtacaatta	gaatctaagt	1920
gtttgcagcc	atatgtgtca	tgtagaagat	gcctagccct	ggggaccttg	tgaataacgc	1980
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ttccctggtc	agggagatgg	agtcagtggg	gcattgcagc	ttggaatcta	ttttatgtca	2100
ccagttggtc	ctcatcaa	aaaatttcct	taggagtgc	gagggctcat	tgggaaaata	2160
aaaataataa	aaataaataa	aacttcctaa	aagaaaaa			2198

<210> 8201

<211> 2244

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(2227)

<223> similar to gi35495 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8201

ctccccgcc	cgaccatggt	agtgttcaat	ggccttctta	agatcaaaat	ctgcgaggcc	60
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ttccttctcg	acccctacat	tgccttcaat	gtggacgact	cgcgcacggc	ccaaacggcc	180
accaagcaga	agaccaacag	ccgggcctgg	cacgacgagt	tcgtcaccga	tgtgtgcaac	240
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ggtgaagccc	ctaaagacaa	tgaagagcgt	gtgttcaggg	aacgcacgag	gccgaggaag	480
cggcaggggg	ccgtcaggcg	cagggtcctat	caggtcaacg	gccacaagtt	catggccacc	540
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cggttcagcg	tcaacatgcc	ccacaagttc	ggtatccaca	actacaaggt	ccctaccttc	780
tgcgatcact	gtgggtccct	gctctgggga	ctcttgccgc	agggtttgca	gtgtaaagtc	840
tgcaaaatga	atgttcaccg	tcgatgtgag	accaacgtgg	ctcccaactg	tggagtggat	900
gccagaggaa	tcgccaaagt	actggccgac	ctgggcgtta	ccccagacaa	aatcaccaac	960
agcggccaga	gaaggaaaaa	gtcatttgc	ggtgccgagt	ccccgcagcc	tgtctctgga	1020
agctcaccat	ctgaggaaga	tcgatccaag	tcagacacca	cctccccttg	tgaccaggaa	1080
ataaaagaac	ttgagaacaa	cattcgga	gccttgtcat	ttgacaaccg	aggagaggag	1140

caccgggagc	catcgtctcc	tgatggccag	ctgatgagcc	ccggtgagaa	tggcgaagtc	1200
cggcaaggcc	aggccaagcg	cctgggcctg	gatgagttca	acttcatcaa	ggtgttgggc	1260
aaaggcagct	ttggcaaggt	catgttggca	gaactcaagg	gcaaagatga	agtatatgct	1320
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aataattttg	accaagactt	taccggggaa	gagccggtac	tcacccttgt	ggacgaagca	2160
attgtaaagc	agatcaacca	ggaggaattc	aaaggtttct	cctactttgg	tgaagacctg	2220
atgccctgag	agccactgc	agtt				2244

<210> 8202

<211> 4223

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (314)...(2035)

<223> similar to gi3882171 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8202

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aaaagggtgt	aatgggagag	ttgttcctac	tgatgggggc	agatatgatg	ttcatttggg	180
ggagaggatg	cggtatgctg	tatactggga	tgaactggca	tcggaagtga	gacgatgtac	240
gtggttttac	aagggggaca	aagacaataa	gtatgttccc	tactcggaga	gcttcagcca	300
agtttttagag	gaaacttaca	tgcttgctgt	aactttggat	gaatggaaaa	agaaactgga	360
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<210> 8203  
 <211> 1207  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (199)...(923)  
 <223> similar to gil330394 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8203

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ggggatctaa	gcttcatttt	caatggggat	gcggcgccct	ctgaatcttt	tgtagtatta	180
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gaagagggtg	atattttaat	gagcagtgat	atctactctg	caactttatc	aacaaaatca	300
atctctttca	cgcgtgccca	gacaggatgg	ctttttcggg	aagataaaac	agaaagagta	360
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aaagggtgga	acataatgga	acagaatttt	gagccgattc	gaagacagtc	tcttacacct	540
cctcctcaga	acactattac	atgggaagaa	tatatatctg	ctgaaaatgg	aaaagctcct	600
catctgggta	gagaattggg	gtgcaaagag	agtaagaaaa	cgtttaaagc	tacgatagcc	660
atgagccagg	aatttccctt	agggatagag	ttattattga	atgttttaga	agtagtagct	720
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ccaagccgtt	ttcctgatct	ttaactgacg	tggaaaagga	tgccgtctaa	ccaaggaaag	960
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aagggaatta	cacattgaat	ccgacacatc	agtaataccg	atacagtga	atgggcctct	1080
aataagaatt	tcagcgagtt	ttctgatgtg	ccattttttg	tctttttaaa	aatatacata	1140
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atgagtg						1207

<210> 8204  
 <211> 1479  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (316)...(817)  
 <223> similar to gi722379 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8204

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ccggagagga	aagtttatat	ggactataat	gcaacgactc	ccctggagcc	agaagttatc	180
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cattctgtgg	tgaaacattt	ccacgcaaac	cagacctcaa	agggacacac	aggtgggcac	420
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agcaaccttc	catgaaccac	agctacattg	gttcccccat	gtcccttgc	gtcacccctc	1440
gtatgcggcc	gctctagaga	atccacgcag	cgtctgcgt			1479

<210> 8205

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1618)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (377)...(80)

<223> similar to gil694828 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8205

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cgggctcaac	cagcacagcc	agccacaggt	actgcaagaa	acagcttggg	gtaagacatc	1560
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<210> 8206

<211> 4569

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (428)...(3224)

<223> similar to gi4454261 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8206

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ccaatgggcc	caccttttaa	acaagaaaac	gttaataaac	ttgggccatc	ctatcatctg	3360
gagccctagt	atctaatttt	tttggtgatt	aaactccatt	gttcagggtg	aaggctgtag	3420
ataatgagga	aaattatgcc	cagttgtttg	gtgcttggtt	tataaaactgc	tttcttggat	3480
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cggacagggg	ctgacccacg	ttactcccca	tgcggttttt	cctctgaagt	ttatttcagg	3600
ttccttcttg	cctgctctgt	ggatccccctg	ctggggactc	ccagctctga	aatttgggaa	3660
aaagtagccc	atgggccttt	agaatgcttt	aatcctttct	ttagaatgct	gtttaaacac	3720
catttaccct	acttatccct	caatgcacat	gattgatacc	gttcatacaa	aatggtctta	3780
catctatgta	aaattttctg	attcatctat	ttgaaaacca	ttacacctta	acaatgaaaa	3840
aagttttttc	ctccactgaa	ccctggaaaac	atggtcccag	ttttgtgtgt	gtgcgtgtgt	3900
gtaaatgtgt	acacacagac	ataaagtact	tgccctattt	agtttgtggc	taatgtggac	3960
acacaaaagc	tctttatggt	ataaattttt	attggtcact	aaaaaatttt	actgtctaaa	4020
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cattatagca	caattttgtg	ccatttctgg	gagcattttac	agatgaatcc	ccacacttag	4140
ccattgaatg	taaaggggaa	aaataagggtg	agaatttgta	aataacttatc	tgttatTTTc	4200
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ccaagagggt	gttgttggtt	cttactgatc	atgtgaagtg	gtgtcttaaa	caactaaaag	4320
cgatgaagg	tcatatgttt	actcaaagac	cattggcatt	cagaggatgc	tggacattaa	4380
ctggaactgc	tacttccaat	tcaataatgg	gagatttcaa	atgcaaatct	ttaacttcat	4440

cttaaagatg	aaatggttgc	agaaaatctg	tttagctcca	actttggctt	aatttaaadc	4500
aaagaacatt	tatgtaacca	gacagaaaa	tacagctgaa	aatttggaat	tcgagctcgg	4560
taccgggg						4569

<210> 8207  
 <211> 2256  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2257)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1072)...(916)  
 <223> similar to gi2274972 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8207	
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tccttgggaa	aacagaggta
gtgaatttaa	aaaatacatt
tttataaaat	ctgcattaaa
tatttttgtc	aaaacatcca
actacattgt	ctaaggatag
gaagccaatt	caaggaatat
cactgatgcg	atggtaggtc
ttttcctgtc	tattccattt
agcactgcac	acatacatga
aataaataag	agaaacgagc
aattaaagtg	cagagggttt
cactatggca	ggactgtatg
tttttgcttc	aaaaacagaa
agtctgtaaa	acatttcttc
agttgcggaa	gtactttttg
ggcttgaatt	ggctcagaga
gcccattatc	tgaagcattc
acctacaaat	cctgcagtag
atctcccgtg	cataaggatc
acaatttttc	ttgtgtcctc
ctctgtccta	gccccagggc
aaccattctc	ttgttaccca
agatttttta	atattctttg
tcttctgctt	gggtgtgaca
atctggtaca	tttttgtcta
agtgatacca	catgctccac
accttgtctt	ccctcatcat
atcactttca	ctcatgagct
gatcttaaaa	ataatatcaa
gaatttacag	ttcaatcacg
atgttctaaa	tgaggtaaaa
gtgataacaa	cgatgagggt
tgtaactg	tgaacttcac
tgtaaaaa	tcctcaccaa
gttcggactt	gttcggactt
gcatgatata	aaacacaatc
cacgtttgtc	tgggcattgc
gtattgacac	atgagactaa
agctggaaat	tactgaaaaa
ccatgaattg	tgatgaaatc
tgatgaaatc	ccatttctct
gctagagtga	tggtgttgag
caatgggaca	tagtgaataa
tttctgcat	tgggggtagt
aatccctttg	gcctctgcat
aggcctgacc	caggcgtcca
aggattggct	gggcattttc
gcttttcttc	tcogtttgat
ctgctggctg	ttctcacaga
agaagctgat	gctgggtcatg
tgagaatccg	gggaaaaaatg
attgaagttg	gagtcctctc
ctgagtctag	cttggaacc
agaaccagtt	aagatacttt
atcttccttt	tcaccaccagg
gtcagtagg	atcttccttt
tcctcctctt	gcacaactcc
cagtcactct	gttcatcatc
gtgctgctga	gactgctgga
tcacattcca	ttttgtcctt



attggtctgg	ttcgtttcc	cactttctaa	aactactcct	tcattcttga	tttttgggtcc	1800
ttgtctgatt	attttcaact	ttcttttttt	tgacttggtt	cttctaaact	agaatcagag	1860
ccttcactta	agcagtgacc	agtctccac	gggtgatgca	cattatacga	cctccgtttt	1920
ctccctctcc	ttttccttgc	ctggcgtttc	agagggcaag	atatacttcg	agaatggtct	1980
cctgtttcag	caaatccacc	tcgagcttgc	tctgagctct	cttccaatgc	tgagacaagg	2040
tcataaacca	gtcctccat	ggttctactg	aaatgccagc	tgttcccggc	tgctggagct	2100
ccgatcgggt	ggcgcccggc	ggccccgaac	attaacgaca	cccgggagcc	tggcctcgaa	2160
gctcaggccc	gtgaacagac	tccaactaca	acagcaccgg	cgacttcaa	agagcgaatt	2220
ccccgcnctt	cggagggtct	caatctcgat	gggcgg			2256

<210> 8208

<211> 1715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (331)...(1074)

<223> similar to gi5911886 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8208

ctgacggggcc	cggcgggcggc	tgagccgcgc	tgcgagccgc	acgcgggaat	gaagcggggc	60
ctgggcaggc	gaaagggcgt	gtggttgcgc	ctgaggaaga	tacttttctg	tgttttgggg	120
ttgtacattg	ccattccatt	tctcatcaaa	ctatgtcctg	gaatacaggc	caaactgatt	180
ttcttgaatt	tcgtaagagt	tccctatttc	attgatttga	aaaaaccaca	ggatcaaggt	240
ttgaatcaca	cgtgtaacta	ctacctgcag	ccagaggaag	acgtgaccat	tggagtctgg	300
cacaccgtcc	ctgcagtctg	gtggaagaac	gcccaggca	aagaccagat	gtggtatgag	360
gatgccttgg	cttcagcca	ccctatcatt	ctgtacctgc	atgggaacgc	aggtaccaga	420
ggaggcgacc	accgcgtgga	gctttacaag	gtgctgagtt	cccttggtta	ccatgtggtc	480
acctttgact	acagagggtg	gggtgactca	gtgggaacgc	catctgagcg	gggcatgacc	540
tatgacgcac	tccacgtttt	tgactggatc	aaagcaagaa	gtggtgacaa	ccccgtgtac	600
atctggggcc	actctctggg	cactggcgtg	gcgacaaatc	tggtgcggcg	cctctgtgag	660
cgagagacgc	ctccagatgc	ccttatattg	gaatctccat	tactaatat	ccgcgaagaa	720
gctaagagcc	atccattttc	agtgatatat	cgatacttcc	ctgggtttga	ctggttcttc	780
cttgatccta	ttacaagtag	tggaattaaa	tttgcaaatg	atgaaaacgt	gaagcacatc	840
tcctgtcccc	tgctcatcct	gcacgctgag	gacgaccggg	tggtgccctt	ccagcttggc	900
agaaagctct	atagcatcgc	cgcaccagct	cgaagcttcc	gagacttcaa	agttcagttt	960
gtgccctttc	attcagacct	tggctacagg	cacaaataca	tttacaagag	ccctgagctg	1020
ccacggatac	tgagggaatt	cctggggaag	tcggagcctg	agcaccagca	ctgagcctgg	1080
ccgtgggaag	gaagcatgaa	gacctctgcc	ctcctcccg	tttctccag	tcagcagccc	1140
ggtatcctga	agccccgggg	ggccggcacc	tgcaatgctc	aggagcccag	ctcgcacctg	1200
gagagcacct	cagatcccag	gcggggaggc	ccctgcaggc	ctgcagtgcc	cggaggcctg	1260
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cactgagctg	gacaggggga	gtccgggcag	gggactcttg	gggctcggga	ccatgctgag	1440
ctttttggca	ccaccacag	agaacgtggg	gtccaggttc	tttctgcacc	ttcccagcac	1500
atgcagaatg	actccagtgg	ttccatcgtc	ccctcctgcc	ctgtgtacct	gcttgccctt	1560
ctcagctgcc	ccacctcccc	tgggctggcc	cactcaccca	cagtgggaagt	gcccgggatac	1620
tgcacttctc	cccctttcac	ctacctgtac	acctaacctg	gccttagact	gagctttatt	1680

taagaataaaa atcgtggtgg tgggtcaaaaa aaaaa

1715

<210> 8209

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (399)...(2216)

<223> similar to gi2792364 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8209

attttatctt	tggaaaaaaa	gataaaatgg	atccaaatag	atccactttc	ttgttaatta	60
cttttcgtta	ctgttgcggt	tttctgagaa	ctagccta	tgtttctggt	tctctttatc	120
atcatcaaac	attgcagcta	cgactacctg	tcattttatcc	cgctctcgga	tatcatgtga	180
tatttgctctg	tgtcttcttt	ttaaaaacac	tgctgctcata	tttgtggtct	aatacttggt	240
ttcttcccc	ctaggaggaa	tcattataga	ttctaaaaat	atattttccc	ttctctgtgg	300
acttggtata	aaacgtagct	tttttctg	ttggatttat	tttctaaaaa	tcaacaccgt	360
aaaccctat	cagatacaac	aaaattgggg	tagttaaaac	catgagttgt	ggaaatgagt	420
ttgtggaac	attaaaaaaa	attggttatc	ccaaagctga	taatcttaat	ggagaagact	480
ttgactggtt	gtttgagggc	gttgaagatg	aatcgtttct	gaagtgggtt	tgtgggaatg	540
tgaatgaaca	gaacgtgttg	tctgaaagag	aattggaagc	ttttagcatt	cttcagaaat	600
caggcaagcc	tattctagaa	ggggcggcat	tggatgaagc	tcttaaaacg	tgtaaaactt	660
ctgatttgaa	gacacctaga	ctggatgata	aagagctgga	gaaattagag	gatgagggtc	720
aaactctact	gaaattaaag	aacctaaaaa	ttcagcgacg	taataaatgt	caattgatgg	780
cttcagtaac	tagccacaaa	tctctgaggt	taaatgctaa	agaagaagaa	gccactaaaa	840
agctgaagca	gagtcaagga	attctaaatg	caatgatcac	taagatcagt	aatgaacttc	900
aggctcttac	tgatgaagtt	acacaattga	tgatgttctt	cagacattct	aatttaggtc	960
aagggacaaa	tccactggta	tttttatcgc	aattttcctt	ggaaaaatac	ctaagtcagg	1020
aagagcaaag	cacagcagca	ttaactttgt	ataccaaaaa	acagttcttt	caggggtatac	1080
atgaagtagt	tgaaagtcc	aatgaaagcc	aatttttcaa	cttttttaaa	atacagacac	1140
catctatttg	tgataatcaa	gaaatccttg	aggagagacg	actagagatg	gctagactgc	1200
agctcgcata	catttggtgt	caacatcagt	taattcactt	aaaagcaagt	aattcgagca	1260
tgaagtcaag	tataaaatgg	gcagaggaga	gtcttcacag	cctaaccagc	aaggctgtgg	1320
acaaagaaaa	tttggtgct	aaaatttcta	gcttgaccag	tgagattatg	aaacttgaaa	1380
aagaggtcac	tcaaataaaa	gacagaagtt	tacctgctgt	ggtaagagag	aatgcccagt	1440
tattgaatat	gccagtggta	aaggagatt	ttgatctgca	gattgctaaa	caagattatt	1500
atacagcaag	acaagagtta	gttttaaatc	aattaataaa	acaaaaggca	tcatttgaac	1560
ttctacagtt	atcatatgaa	attgaattaa	gaaagcatcg	ggacatatat	cgtcaacttg	1620
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attctactca	taggctttac	caagtttttg	agggagagaa	taagaaaaaa	gaattgtttc	1800
taactcatgg	aaaccttgag	gaagtggctg	agaaattgaa	acagaatatt	tcttttagtac	1860
aagatcagtt	ggcagtatct	gctcaagaac	attctttctt	tctgtccaaa	cgggaataagg	1920
atgtggacat	gctttgtgat	actttgtatc	aaggaggaaa	tcagcttttg	cttagtgatc	1980
aggagttaac	agagcagttt	cataaagttg	aatctcaact	gaataagcta	aatcatctcc	2040
tcactgatat	tcttgctgat	gtgaagacaa	aaagaaaaac	tttggcaaat	aataaattac	2100
atcaaatgga	aagagaattc	tatgtatatt	ttttaaaaga	tgaagattat	ctgaaagata	2160

ttgtggagaa	tttagaaact	caatcaaaga	ttaaggctgt	tagtcttgaa	gattgaaaat	2220
tactgaaaac	tgaatcttta	ttacgtgtcc	tcttttattt	attagaagac	tgtgtataat	2280
aaacactact	aaatttttaa	aaa				2303

<210> 8210  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (365)...(540)  
 <223> similar to gi19917 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8210						
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tgggcagcct	gctgaacatc	aaggcggaac	agaggggagc	cccgtgcgg	ancctcgccc	120
ttcctaggca	aggccgtgaa	agngctgggt	caggagaagt	tggcagagcc	ctggaagggtg	180
tacctgcgca	ggtttggtac	aaaggacttc	tgtgacggcc	agtgtgactt	cctccacaag	240
gcccacttcc	actgcgtggg	ggaggaatgc	ggcgcgctct	tcagcacctt	ggacggggcc	300
atcaagcacg	caaaactcca	cttccggaca	gagggaggag	cagcaaaagg	aaacacagag	360
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gtccctcctg	tcaccacggc	cacggtgtcc	tctctggagg	ggcccgcctc	cagcccggcc	480
tccgtgcctt	ccacccccac	cctgctcgcc	tgggaagcagc	tggcttccac	cataccccag	540
atgcctcaga	tcccagcgtc	agtgcctcac	ctgcccgcct	cgcccttggc	aacgacttct	600
ctagagaacg	ccaagcccca	ggtcaaacc	ggattcctcc	agttccagga	gaacgatcct	660
tgctcgcca	cggactgcaa	gtacgccaac	aagttccact	tccactgtct	ctatgggaac	720
tgcaagtacg	tctgcaaaac	gtctggcaag	gccgaatccc	actgctgga	ccaca	775

<210> 8211  
 <211> 4458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (215)...(2987)  
 <223> similar to gi4240301 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8211

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ctgtgtctct	ccatctcctg	ggtcctatga	gctgcggctg	cttctctcca	tctcctgggt	120
cctgtgaggc	gcagcccatc	atggggccat	tggtcagggtg	caccctttgc	tcccgggctc	180
atccaccatc	atgatccatg	acttgtgcct	cgtcttcccg	gccccagcca	aggctgtcgt	240
ttacgtgtcg	gacattcagg	agctgtacat	ccgtgtgggt	gacaagggtg	agattgggaa	300
gacagtgaag	gcatacgtcc	gcgtgctgga	cttgacaaag	aagcccttcc	ttgccaaata	360
cttccccctt	atggacctga	agctccgagc	agcctccccg	atcattacat	tggtggccct	420
tgatgaagcc	cttgacaact	acaccatcac	attcctcatc	cgcggtgtgg	ccatcgcca	480
gaccagtcta	actgcaagtg	tgaccaataa	agctggacag	agaatcaact	cagccccaca	540
acagattgaa	gtctttcccc	cgttcagget	gatgccagg	aaggtgacac	tgcttatcgg	600
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catcatctct	caggacctcg	tgacaggtgga	ggtgctgctg	ctaagggccg	tgaggatccg	840
cgcccccatc	atgcggatga	ggacgggcac	ccagatgccc	atctatgtca	ccggcatcac	900
caaccaccag	aaccctttct	cctttggcaa	tgccgtgcca	ggcctgacct	tccactgggtc	960
tgtcaccaag	cgggacgtcc	tggacctccg	agggcggcac	cacgaggcgt	cgatccgact	1020
cccgtcacag	tacaactttg	ccatgaacgt	gctcggcccg	gtaaaaggcc	ggaccgggct	1080
gagggcgggtg	gtcaaggctg	tggacccac	atcggggcag	ctgtatggcc	tggccagaga	1140
actctcggat	gagatccaag	tccaggtgtt	tgagaagctg	cagctgctca	accctgaaat	1200
agaagcagaa	caaataattaa	tgtcgcccac	ctcatatata	aagctgcaga	caaacaggga	1260
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cagcatcctc	cacatcgacc	ccaagacggg	tgtggctgtg	gcccgggccc	tgggatccgt	1920
gacggtttac	tatgaggtcg	ctgggcacct	gaggacctac	aaggaggtgg	tggtcagcgt	1980
ccctcagagg	atcatggccc	gtcacctcca	ccccatccag	accagcttcc	aggaggctac	2040
agcctccaaa	gtgattgttg	ccgtgggaga	cagaagctct	aacctgagag	gcgagtgcac	2100
ccccacccag	agggaagtca	tccaggcctt	gcacccagag	accctcatca	gctgccagtc	2160
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gtttgacact	gctctcggcc	agtacttctg	ctcaatcaca	atgcacaggc	tgacggacaa	2280
gcagcggaag	cacctgagca	tgaagaagac	agctctggtg	gtcagtgcct	ccctctccag	2340
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caaccaagcc	attgccatcc	cagtgacagt	ggcttttgtg	gtggatcgcc	gtgggcccgg	2700
tccttatgga	gccagcctct	tccagcactt	cctggattcc	taccaggtca	tgttcttcac	2760
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cagccctccc	tcagggctgt	ggagcccage	ctatgcctcc	cactaggccg	cgtgaagggt	3000
cccggaggat	gggtctcagc	cgagcctcgt	gcacccccaa	gatggaacat	ccctgctgca	3060
ttcacactgg	aacaagcccc	tccagatgag	tgccccggcc	ccaggccagc	ttcactgccg	3120
tctcttcaca	cagagctgta	gtttcggctc	tgccattag	ctcattttat	gtaggagttt	3180

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tttgcattgt	tgtctaggg	ttctggacaa	tgtgctgttg	catttttatt	ttcctagcct	3300
tgctaaaatc	tttcccttct	caagactttg	agcagttaga	agtgcctctt	agaagttgtc	3360
tgtgggtgat	gttactgtag	tggctctcagg	gaaaggattg	tccagttact	ttaggggggt	3420
tttgggtggg	tttttcccc	tgtgaaaact	tactttgccc	ctagtctggc	tgctgctagg	3480
acttctgagg	agcaatggga	catgagtgtc	cctgtatctg	cgccactgcc	gcaaggggaag	3540
cctcaggaac	cagcacctgg	aggccaggat	agccaagccc	tgggtgagcg	agaggctgga	3600
gaacacagga	gctcaccag	ggctgctgcc	caaccatggg	ccactgtgaa	cagacttcag	3660
tcctctgttt	ttgtttcata	agccgttgag	acatctgatg	gacttggctt	aggccctgct	3720
gggacatccc	acgtgtgatc	cctttcactc	catcaggaca	ccaggactgt	ccttaggaaa	3780
atgtccttga	gatggcagca	ggagtcatat	tttctgtgtg	tgtgtttcgg	aaagccgctg	3840
tgtcctgcct	cagcacaaag	accagtggtc	atttgcctct	cctgttctctg	tgccactcca	3900
gaaccttcag	cagatctgag	ccaccgcctg	ccagtgtgag	aggcggccac	tttcatggca	3960
gcttatcagg	cgcagggccc	cagacagctt	cccagccggc	cctagagccc	ggcctgggccc	4020
aatgatggag	ggcggccacc	agcccagggc	ctgcccattc	agaagggact	ccccagggcc	4080
tgggggagga	gacccttgga	aaagtctctc	cttcccagct	cctgattctg	gatctgagat	4140
tctcagatca	caggcccctg	tgtccaggc	cgaggctggg	ccaccctcag	ggagatccag	4200
agactcatgc	ccatggccat	ccatgcgtgg	acgctgtgtg	gagagtccag	gatgacggga	4260
tcgccacaaa	gctcccttca	gtccttcagg	gctgggccc	gtgggtgatt	tttctaaagc	4320
tggagaaagg	aagaaattgt	gccttgcata	ttactttgag	cttaaacttg	acaacctggg	4380
atgtaaatag	gagcctttta	actggtttat	ttaataaagt	tctattgggtg	attttttaaa	4440
aaaaaaaaac	ctcgtgcc					4458

<210> 8212

<211> 1598

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (45)...(1100)

<223> similar to gi202402 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8212

gcggccgcag	ccgctgcccc	gggcccggcg	cccgcggcgg	caccatgagt	ccccgctcgt	60
gcctgcgttc	gctgcgcctc	ctcgtcttcg	ccgtcttctc	agccgcgcgc	agcaactggc	120
tgtacctggc	caagctgtcg	tcgggtggga	gcattctcaga	ggaggagacg	tgcgagaaac	180
tcaaggccct	gatccagagg	caggtgcaga	tgtgcaagcg	gaacctggaa	gtcatggact	240
cgggtgcgcc	cgggtgccag	ctggccattg	aggagtggca	gtaccagttc	cggaaaccggc	300
gctggaactg	ctccacactc	gactccttgc	ccgtcttcgg	caaggtggta	acgcaaggga	360
ctcgggaggc	ggccttcgtg	tacgccatct	cttcggcagg	tgtggccttt	gcagtgacgc	420
gggcgtgcag	cagtggggag	ctggagaagt	gcggctgtga	caggacagtg	catgggggtca	480
gcccacaggg	cttcagtggt	tcaggatgct	ctgacaacat	cgcctacggg	gtggccttct	540
cacagtgcgt	tgtggatgtg	cgggagagaa	gcaagggggc	ctcgtccagc	agagccctca	600
tgaacctcca	caacaatgag	gccggcagga	aggccatcct	gacacacatg	cgggtggaat	660
gcaagtggca	cgggggtgtc	ggctcctgtg	aggtaaagac	gtgctggcga	gccgtgccgc	720
ccttcgcgca	ggtgggtcac	gactgaagg	agaagtttga	tgggtgccact	gaggtggagc	780
cacgccgcgt	gggtcctctc	agggcactgg	tgccacgcaa	cgcacagttc	aagccgcaca	840
cagatgagga	cctgggtgtac	ttggagccta	gccccgactt	ctgtgagcag	gacatgcgca	900

gcggcgctgct	gggcacgagg	ggccgcacat	gcaacaagac	gtccaaggcc	atcgacggct	960
gtgagctgct	gtgctgtggc	cgcggttcc	acacggcgca	ggtggagctg	gctgaacgct	1020
gcagctgcaa	attccactgg	tgctgttctg	tcaagtgccg	gcagtgccag	cggctcgtgg	1080
agttgcacac	gtgccgatga	ccgcctgcct	agccctgcgc	cggcaaccac	ctagtggccc	1140
aggggaaggcc	gataatttaa	acagtctccc	accacctacc	ccaagagata	ctggttgat	1200
tttttgttct	ggtttggttt	ttgggtcctc	atgttattta	ttgccgaaac	caggcaggca	1260
accccaaggg	caccaaccag	ggcctcccca	aagcctgggc	ctttgtggct	gccactgacc	1320
aaagggacct	tgctcgtgcc	gctggctgcc	cgcatgtggc	tgccactgac	cactcagttg	1380
ttatctgtgt	ccgtttttct	acttgacagc	ctaaggtgga	gtaacaagga	gtattaccac	1440
cacatggcta	ctgaccgtgt	catcggggaa	gagggggcct	tatggcaggg	aaaataggta	1500
ccgacttgat	ggaagtcaca	ccctctggaa	aaaaagaact	cttaactctc	cagcacacat	1560
acacatggac	tcctggcagc	ttgagcctaa	aagccatg			1598

<210> 8213

<211> 1385

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1326)...(883)

<223> similar to gi4868140 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8213

tttttttttt	ttagagttgt	gagtgaattg	cattttttatt	tacgtttaag	agtctctctc	60
cctccttggt	ttctagtctg	tgaatggctc	acacttggac	ttagtgtagg	ctcctatggg	120
aggagcgggc	ggtagtgaga	atcttcatca	aatggagtaa	catgacccaa	atctctagag	180
gtttcataat	tttgtctctg	cttctgaaaa	cataatcatc	tcttatgggg	tgttatgtgc	240
tttgtatcct	gaaattttcc	acttgctgct	tcttggtgtg	aggcgagaaa	tgccaccacg	300
tggcactgca	ggaggagact	ggtggaagcc	acagggctag	gccttcactt	cccagtgaca	360
ctgttcccaa	ttccctccag	gataagctga	gactcctcag	gatgtgggtc	tgacgacgat	420
gaggtgcgaa	caaagcctgc	tctgccctgg	gcacccagga	tggcactgag	ttctaaaagg	480
caaaggggat	gtggtgaggg	gccaggctga	ggccctggtg	tggtaccatc	atgggcagca	540
gcaccatttg	aggccgggta	ggagagacgt	gcagggcctg	gccccccaag	agaccagcag	600
acaaactgag	gcggcagaga	gagagattcc	agtgtcacca	ggaagactgc	agatcataac	660
aacaatggtt	gctgatttgg	catcaaagag	tgggcactgt	caaagccgta	attgctgaaa	720
atggcaccaa	catgctgcag	ctggagagag	tgggtgacca	acatttgttt	gaagaacaga	780
tgatgctctt	tgaatggctc	agccaacagc	ccaaagtttt	aagggaagac	ctctctgcca	840
gcttctcttg	gacagtgtct	catgtaaaac	ctccaaggca	cttacatagc	atatttttgt	900
gtccactctc	ttgctagtct	gttgtacttc	tctctgtcgg	ccttgtaggt	gtgtgctatc	960
tctggcacca	gggggtcatc	gggggttggg	tcgcagagca	gcgagcagat	ggacaagaga	1020
acttttgaca	cagtcaacgc	tggagaccac	tgagaccgca	ggatatcaag	gcagatgctg	1080
ccattgctgt	tgatattagg	gtgataaatt	ttggttgtga	aagcaacctt	tgggggcttg	1140
aacgggtaat	ctgtaggaaa	gtggatggtc	aggaagaaaa	cacctccttg	gtaaggactg	1200
tcattcgggc	ccatgatggg	ggcctgccag	tggaacaagt	catcaccgac	aggtcctgca	1260
gaacactggg	caggaggatc	cctctgcaag	tcgggttaatt	ccttctggat	ccgcttttagc	1320
gccatcctac	cccgtgccc	gggacccggg	cggcccggcc	ggggctgcct	gaggcggccc	1380
gctgc						1385

<210> 8214  
 <211> 1790  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (986)...(1426)  
 <223> similar to gi5701854 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8214  
 ttattttcaaa gatgagaaat atttgttttg atatctatga ctgtctgttt atactgtaag 60  
 gggcttaatc agcagctcca tcttttagtt ttagttctaa agggaaagta gcctaaagtc 120  
 agtataacta aagggtggaa cgaggtggga caaggtccgg aattgctgct cagtgatgtg 180  
 tgtgtgacct ccgctgggtg agctgagact gctcatctca gaaggatggg gatgcttgat 240  
 ttcttgccca ggttgtccca gcacagtggg gattggccct gttgtatgac gaagacagca 300  
 catggtggca gagatagata ctaacccatg gactttccaa gggagggaat aggtcttttg 360  
 agggatgca agacaaagg agacactgga taaagaacct ggtagtgccc aggtattacc 420  
 ccatctgggc cattactccc acactcagga accagacgtt gtgggtgagg acatgctgtc 480  
 cctcctgcca agtaataact tccttcccag ccaggatcct gcccgaagta ggaatatagc 540  
 tctgcattta cagcagctcc tgctcagacc ttgtcaaaac caccctgcag cttaggatta 600  
 aggagcatgg tcacaggaag gtggggtttc agggcatccc ctcaggaact gcccatctcc 660  
 ccagaattcc aaaatgaagg tccatatgct ttaggtgtg ctggctcatg cgggcttcac 720  
 agtaggaaag ggtaagtggg gccagggggc agggaggag gaaggggtaa ctgagtcacg 780  
 gaaggggggt gagcgtggcc atggataatc gggcttccca ctggcccagg gtatttgaga 840  
 gtgacccagt gcctccatcc ctcttctgct cctcccagat cctgttcccg acatccggac 900  
 gtgccacttc tgcctcgtag aagacccttc ttaggatgct atttcaggct cagagaagtg 960  
 taccatcagc agctcatccc tgtgcatggt gatcaccatc tattatgatg tcaaggttcg 1020  
 cttcatcggt cgaggctgtg gacagtacat ttcctaccgc tgccaagaaa aacgcaacac 1080  
 ctactttgca gagtactggt atcaggccca gtgctgtcag tacgattatt gcaactcctg 1140  
 gtcaagcccc caactccaga gctctctgcc ggagcccatc gacaggcccc tggccctgcc 1200  
 tctgtctgac tcccagattc agtggttcta ccaggccctg aacctctccc tggccctccc 1260  
 caatttccat gctgggacgg agcctgatgg cctggacccc atggtcacac tgtccctgaa 1320  
 cctgggcttg tcttttctgt agctgcgccg catgtacttg ttctcaata gttcaggact 1380  
 tttggttctt ccccaggctg gactcttgac acctcaccct tctgaattc cacagtgcaa 1440  
 atatctttct gtaacacct cagcatcctg cactgcactc cagcctgggt gacacagtga 1500  
 gactccgtct ccaaaaaaaaaa ggatgaggaa tagaattctg tgcagatgtc ctgacttggc 1560  
 aattttgtgt cctgcctca ctgtctccac caaccccgc ctgtcctagt gttgttctgc 1620  
 ctctgtcct ctcttctct ctgtcagtc tctggcttcc tcggcccat ttcacttcac 1680  
 tgagtcctga caccatctc cctaggggcc tgtgagagga gaggggaagg tctgttctgc 1740  
 tcagctccat gtccccatt ttctccaca ataaaactgg ggactgggct 1790

<210> 8215  
 <211> 1166  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1073)...(594)

<223> similar to gi4588130 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8215

tttttttttt	ttacagaatt	ccccaaactt	taatgctgtg	ctctgaaaag	ggaggctgga	60
ggttgtggtg	ggtcacagtg	ttgctgacac	ctctggcctc	cagccctgca	tccctaggca	120
ccatgtgacc	aggcagttag	aaggacgggg	cctcactccc	atgccagact	gctcctcggg	180
ctgagcagga	cctgaagctc	tcagggcttc	caccaaagcc	cagcaaactt	gggggaggcc	240
tgagggggca	tcagcagtcc	ttaaaggcct	gagcttgcaa	cactcaggca	ggactcggct	300
gagggcctct	gtggtgccac	catggggtag	gaggtaaaga	gagaccctgg	ttccagcctg	360
ggaaccagtg	ggtgccctga	agggagggga	ggcctcaggg	agttcgggac	aggagtgtgc	420
atggtactgg	gcggcccatg	ggggctcctg	gcctcttggt	tcaggcaatc	cctgagctgg	480
ggacacattc	catcttaggt	ccaagagacg	gaggtcagga	gcatccctag	aacgacctcc	540
caggcacgag	gaaggcccgg	ggcagggccg	ggcgcagcgt	ggctggcttc	agtaccctcg	600
ggcatcttga	ctcctgccct	ctgggactgc	aaagggatct	gcggggcgct	ctgctgagtc	660
aatcgtctgg	taggcactac	ggtcctgaga	agacccaagg	aaaccagtgt	ggaccaggag	720
ctcacccccg	cgctcccggg	acatgtggta	gacgaagcag	caggagagcg	gcttgagcag	780
caagctgagg	atggccatgc	ccacgccaaa	gcggcccgtg	tccgtgaggc	tgacccgcgg	840
gtagaagatg	ctgatgtgca	cgatgtccag	gaagatggtg	gccagcaagc	cacccagaaa	900
catgcttatg	gcgtcgatgg	agtcccgtg	agccacagcc	cacacgcccc	aggccaggat	960
ggtgaagttag	gcccaggcat	aggagcctga	gaatacaatg	cagccccagg	ttgtcagcag	1020
ccagtgacct	aggagaatca	ccttcagggt	cacagcaggc	agctccatcc	cgactcaggc	1080
cgaggggcacc	tgcgccgcag	ccgcgggggg	ctcctaggct	ccgaactcgg	ggaacaaact	1140
tgcccggggcc	cgccccggcc	gttgcg				1166

<210> 8216

<211> 2135

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (993)...(1922)

<223> similar to gi5533379 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8216

gccccgaatt	cccggtcgac	gatttcgtac	gagactgacc	cggacttagg	cgttccgcct	60
ggcccggcgg	cggtgaaaaa	aggcagtttt	gaagcattta	gtggcaaaaag	gggtaggaga	120
cggctgctga	agtgctctact	acattcaggg	gacctggaag	gcttccagat	atccgcaatg	180
aacaatgaaa	agaaattgtg	aaagaaggcg	cttccctcaa	gccggaaacta	atgaactcct	240
gggtcacgtg	gtgcgcacgc	gccaaaggca	cacgataaag	gaaaacgcgg	gcttatcgtg	300



gcctttaaaa	tccggcttgg	tgagcttggg	tcgcctctga	aggagaacca	ttttccatct	360
ctttcatagt	tttttcccc	agtcagcgtg	gtagcgggtat	tctccgcggc	agtgacagta	420
attgtttttg	cctcttttagc	caagacttcc	gccctcgatc	aagatggtgg	ttggacggcc	480
ttcctaacct	ttacggggcc	tggcgggtgct	gacgcctgag	ctggtagggg	tggagcaggt	540
aggaaacagc	aaatgcagaa	gctgctgcgc	ggaagtcggc	catggactgg	aaagaagttc	600
ttcgtcggcg	cctagcgcag	cccaacacct	gtccaaacaa	aaaaaaaaagt	gaacaagaat	660
taaaagatga	agaaatggat	ttattttacaa	aatattactc	cgaatggaaa	ggaggtagaa	720
aaaacacaaa	tgaattctat	aagaccattc	cccggtttta	ttataggctg	cctgctgaaa	780
atgaagtctt	actacagaaa	ttaagagagg	aatcaagagc	tgtcttttcta	caaagaaaaa	840
gcagagaact	gtagataat	gaagaattac	agaacttatg	gtttttgctg	gacaaacacc	900
agacaccacc	tatgattgga	gaggaagcga	tgatcaatta	cgaaaacttt	ttgaaggttg	960
gtgaaaaggc	tggagcaaaag	tgcaagcaat	ttttcacagc	aaaagtcttt	gctaaactcc	1020
ttcatacaga	ttcatatgga	agaattttcca	tcatgcagtt	ctttaattat	gtcatgagaa	1080
aagtttggct	tcatacaaca	agaataggac	tcagttttata	tgatgtcgc	gggcaggggt	1140
accttcggga	atctgattta	gaaaactaca	tattggaact	tatccctacg	ttgccacaat	1200
tagatggtct	ggaaaaatct	ttctactcct	tttatgtttg	tacagcagtt	aggaagttct	1260
tcttcttttt	agatccttta	agaacaggaa	agataaaaaat	tcaagatatt	ttagcatgca	1320
gcttcctaga	tgattttattg	gagctaaggg	atgaggaact	gtccaaggag	agtcaagaaa	1380
caaattgggt	ttctgctcct	tctgccctaa	gagttttatgg	ccagtacttg	aatcttgata	1440
aagatcacaa	tggcatgctc	agtaaagaag	aactctcacg	ctatggaaca	gctaccatga	1500
ccaatgtctt	cttagaccgt	gttttccagg	agtgtctcac	ttatgatgga	gaaatggact	1560
ataagacct	cttggaacttt	gtccttgcat	tagaaaacag	aaaggaacct	gcagctctac	1620
aatatatttt	caaactgctt	gatattgaga	acaaaggata	cctgaatgtc	ttttcactta	1680
attattttct	tagggccata	caggaactaa	tgaaaatcca	tggacaagat	cctgtttcat	1740
ttcaagatgt	caaggatgaa	atctttgaca	tggtaaaacc	aaaggatcct	ttgaaaatct	1800
ctcttcagga	tttaatcaac	agtaatcaag	gagacacagt	aaccaccatt	ctaatcgatt	1860
tgaatggctt	ctggacttac	gagaacagag	aggctcttgt	tgcaaatgac	agtgaaaact	1920
ctgcagacct	tgatgataca	tgatctctga	aagactagac	tgtcttatat	tatgagatac	1980
ttgaatgctg	catgtaaagc	ctttaaagca	aaatcctcag	aaatgggtcta	aataaaacac	2040
ttgatatgcc	tagagaacac	agcaaagtgt	ttggttactg	gaatttttgg	tgcaatagtt	2100
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<210> 8217

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (224)...(955)

<223> similar to gi4176448 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8217

ggccgcaggg	cctccgtccg	aggtggtgaa	tcaagattcc	ttgttttctg	agcccgagcc	60
gggccccgcc	ccccaggtgc	ttctggggcc	tcaggggccc	ggcctcatca	aaggggttgc	120
acctcccacc	ctcatcaccg	actccacagg	gacccacctt	gtcctcaccg	tgaccaataa	180
aaatgcacac	agccctggcc	tgtccagagg	gagcccccaa	cagccctcgt	cccagcctgg	240
ctctccagcg	cctgccccct	ctgcccagat	ggacctggag	cacccactgc	agccccctct	300
tgggaccccc	acttctctgc	tgaagaagga	accacctggc	tatgaggaag	ccatgagcca	360

gcagcccaaa	cagcaggaaa	atggttcctc	aagccagcag	atggacgacc	tgtttgacat	420
tctcattcag	agcggagaaa	tttcagcaga	tttcaaggag	ccgccatccc	tgccagggaa	480
ggagaagcca	tccccgaaga	cagtctgttg	gtcccccttg	gcagcacagc	catcaccttc	540
tgctgagctc	ccccaggctg	ccccacctcc	tccaggctca	ccctccctcc	ctggacgcct	600
ggaggacttc	ctggagagca	gcacggggct	gcccctgctg	accagtgggc	atgacggggc	660
agagccccct	tccctcattg	acgacctcca	tagccagatg	ctgagcagca	ctgccatcct	720
ggaccacccc	ccgtcaccca	tggacacctc	ggaattgcac	tttgttcctg	agcccagcag	780
caccatgggc	ctggacctgg	ctgatggcca	cctggacagc	atggactggc	tggagctgtc	840
gtcaggtggt	cccgtgctga	gcctagcccc	cctcagcacc	acagccccc	gcctcttctc	900
cacagacttc	ctcgatggcc	atgatttgca	gctgcactgg	gattcctgct	tgtagctctc	960
tggctcaaga	cggggtgggg	aaggggctgg	gagccagggt	actccaatgc	gtggctctcc	1020
tgcgtgattc	ggcctctcca	catggttggt	agtcttgaca	atcacagccc	ctgctttttc	1080
ccttccttgg	gaggctagaa	cagagaagcc	cttactcctg	gttcagtgcc	acgcagggca	1140
gaggagagca	gctgtcaaga	agcagccctg	gctctcacgc	tgggggtttg	gacacacggt	1200
cagggtcagg	gccatttcag	cttgacctcc	ttttttgagg	tcagggggca	ctgtctgtct	1260
ggctacaatt	tggctaaggt	aggtgaagcc	tggccaggcg	ggaggcttct	cttctgacct	1320
agggctgaga	cagggttaagg	ggtgaatctc	cttcctttct	ctccctgctt	tgctgtgaag	1380
ggagaaatta	gcctgggcct	ctacccccta	ttccctgtgt	ctgccaaacc	caggatccca	1440
gggctccctg	ccatatttag	tgtctttgtg	tagtgaatac	a		1481

<210> 8218

<211> 1260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (393)...(1200)

<223> similar to gi3876107 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8218

cccacgcgtc	cgggagaggg	cgcgggccct	tcccgttgcc	tgcggccacc	ggccggcatt	60
cagagcccct	cgcctggcgc	taaatttaaa	aacgtaacac	gagcagcagg	ctggtctcgg	120
aaacgaaacg	aaattcggtc	cctgggcctc	ctcccgggcg	ctgccggctc	ctcagcgcgc	180
cgcgccaccc	ggaacagacc	cttctcccgc	cattttcggc	ggggctggga	gactgaggcc	240
cgcggcgctg	agcctgcggc	gccccggaag	aggcgggcgg	catggccgct	ggcgtggact	300
gcggggacgg	ggttggcgcc	cggcagcacg	tgttcctggg	ttcagaatat	ttaaaagatg	360
cttcaaagaa	gatgaaaaat	gggctaattg	ttgtaaaact	ggttaacccc	tgttcaggag	420
aaggagccat	ttacttggtc	aatatgtgtc	tacagcagct	gtttgaagta	aaagttttca	480
aggaaaaaca	ccattcttgg	tttataaatc	aatcagttca	atcaggagggt	cttctccatt	540
ttgccacacc	tgtggatcct	ctatttctgc	ttctccacta	cctcataaag	gctgataagg	600
aggggaagtt	tcagcccctt	gatcaagttg	tgggtggataa	cgtgtttcca	aattgcatct	660
tgttgctgaa	acttcctgga	cttgagaagt	tacttcatca	tgtgacagag	gaaaaaggta	720
atccagaaat	agacaacaag	aaatattaca	agtacagcaa	agagaagaca	ttaaagtggc	780
tggaaaaaaa	ggttaatcaa	actgtggcag	cattaaaaac	caataatgtg	aatgtcagtt	840
cccgggtaca	gtcaactgca	tttttctctg	gtgaccaagc	ttccactgac	aaggaagagg	900
attatatctg	ttatgcccac	ggtctgatat	ctgactacat	ccctaaagaa	ttaagtgatg	960
acttatctaa	atacttaaa	cttcagaaac	cttcagcctc	attgccaaat	cctccatcaa	1020
agaaaataaa	gttatcagat	gagcctgtag	aagcaaaaaga	agattacact	aagttaata	1080

ctaaagattt	gaagactgaa	aagaaaaata	gcaaaatgac	tgcagctcag	aaggctttgg	1140
ctaaagtga	caagagtga	atgaaaagta	ttgatacctt	tttttggggg	aaaaaataaa	1200
aaaaaaaatt	ggaaagggtt	gaaactttga	aaataaaatc	tagcaaaaat	aaaaaaaaaa	1260

<210> 8219

<211> 656

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (61)...(246)

<223> similar to gi4585827 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8219

tgcacccacg	cgcccgccca	cgcgcccgcg	caggagctaa	cgcaggggga	atccttgacg	60
gtgggagcat	ttcagagcgc	acaagccatg	gtggccaaac	agcggatccg	gatggctaac	120
gagaagcaca	gcaaaaacat	cacccatagg	gggaacgtag	ccaaaacctt	gaggccgcaa	180
gaggagaaat	atcctgtggg	accatggctg	ttggcactgt	ttgtttttgt	tgtctgtggc	240
tcaggtcaac	cacataaatt	ggcctctcct	ggagactgcc	agaactttct	caaagttgta	300
acatccagag	ggagtcaccc	cacccccaa	accggcaact	gagatgttta	aaggaactgg	360
ctggccctga	aggaaagact	gaggccattc	atctgctctg	gagttcatcc	tcgggatctg	420
agatgcacag	cctgaagaca	tctcatcagc	catcagctcc	cttaagggtga	cctgtagcct	480
cctttgtgcc	ctgggggcat	ttgggattgt	gtagaggctc	tctctcagaa	gcattcttct	540
gttattttta	tgccgataga	aagctttaca	ttctttgcta	ataacatctg	ggttttaata	600
gcgectcctt	gccttgctg	tctccggcat	ctctcttttt	tcctcttctt	ccatct	656

<210> 8220

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (495)...(141)

<223> similar to gi5419988 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8220

tttttttttt	ttacagtttg	aacatttatt	cgctctctga	gcttgtaaa	cagtcgtggg	60
agttgctgca	gaagcaagcg	aaaagccaga	tgagcgcttc	taaacttaga	gagaggtgag	120
taaggcttgt	ggcgatcac	ttgtcggctg	gggcctcttt	ggcctcttcc	cagaggatgt	180

cctgaagaaa	cttccccagg	gcctggctgt	gctgctggta	ctgaaccctt	gacagcttga	240
ttccaacatc	aaagggggcg	ttgaaccgga	cttccagttc	atcctctgcc	ccttctgctt	300
gacctccatc	ttccggggcg	agccagcctg	ctagagctcg	gggctgcagc	ttggctgggtg	360
gcttcttcga	ctcctttctc	tgctggactc	tctgggtgtc	agggctcagg	aagctggagc	420
ctgccatggc	caagtccagc	cagagcatgc	cgaggagcag	gaggctgcag	acggtcctctg	480
gggagggcat	ggcctcagct	gggttgacga	caggtgggc			519

<210> 8221

<211> 4285

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(1727)

<223> similar to gil209752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8221

cttcctctgc	caccatcggg	gaactgggct	gtgaatgagg	ggctctccat	ttttgtcatt	60
ctggtttggc	tggggttgaa	cgtcttcctc	tttgtctggg	attaccgggt	ttatgatatt	120
ccacctaaagt	tctttttacac	aagaaaactt	cttgggtcag	cactggcact	ggccagggcc	180
cctgcagcct	gcctgaattt	caactgcatg	ctgattctct	tgccagtctg	tcgaaatctg	240
ctgtccttcc	tcaggggttc	cagtgcgtgc	tgctcaacaa	gagttcgaag	acaactggac	300
aggaatctca	cctttcataa	aatggtggca	tggatgattg	cacttcactc	tgcgattcac	360
accattgcac	atctatttaa	tgtggaatgg	tgtgtgaatg	cccgagtcaa	taattctgat	420
ccttattcag	tagcactctc	tgaacttggg	gacaggcaaa	atgaaagtta	tctcaatttt	480
gctcgaaaga	gaataaagaa	ccctgaagga	ggcctgtacc	tggctgtgac	cctgttggca	540
ggcatcactg	gagttgtcat	cacgctgtgc	ctcatattaa	ttatcacttc	ctccaccaa	600
accatccgga	ggtcttactt	tgaagtcttt	tggtagacac	atcatctctt	tgtgatcttc	660
ttcattggcc	ttgccatcca	tggagctgaa	cgaattgtac	gtgggcagac	cgagagaggt	720
ttggctgtgc	ataatataac	agtttgtgaa	caaaaaatct	cagaatgggg	aaaaataaag	780
gaatgccccaa	tccttcagtt	tgctggaaac	cctcctatga	cttggaaatg	gatagtgggt	840
cccatgtttc	tgtatctctg	tgagaggttg	gtgcggtttt	ggcgatctca	acagaagggtg	900
gtcatcacca	aggtgggtcac	tcaccctttc	aaaaccatcg	agctacagat	gaagaagaag	960
gggttcaaaa	tgggaagtggg	acaatacatt	tttgtcaagt	gccccaaagg	gtccaagctg	1020
gagtggcacc	ctttttacact	gacatccgcc	cctgaggaag	acttcttttag	tatccatatt	1080
cgcacgtttg	gggactggac	agaggggctg	ttcaatgctt	gtggctgtga	taagcaggag	1140
tttcaagatg	cgtggaaact	acctaagata	gcggttgatg	ggcccttttg	cactgccagt	1200
gaagatgtgt	tcagctatga	ggtggtgatg	ttagtgggag	cagggattgg	ggtcacaccc	1260
ttcgcaccca	ttctcaagtc	agtctgggtac	aaatattgca	ataacgccac	caatctgaag	1320
ctcaaaaaga	tctactttcta	ctggctgtgc	cgggacacac	atgcctttga	gtggtttgca	1380
gatctgctgc	aactgctgga	gagccagatg	caggaaagga	acaatgccgg	cttcctcagc	1440
tacaacatct	acctcactgg	ctgggatgag	tctcaggcca	atcactttgc	tgtgcaccat	1500
gatgaggaga	aagatgtgat	cacaggcctg	aaacaaaaga	ctttgtatgg	acggcccaac	1560
tgggataatg	aattcaagac	aattgcaagt	caacacccta	ataccagaat	aggagttttc	1620
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tctggccctc	ggggagtgca	tttcattttc	aacaaggaaa	acttctaact	tgtctcttcc	1740
atgaggaaat	aaatgtgggt	tgtgctgcca	aatgctcaaa	taatgcta	tgataatata	1800
aatacccccct	gcttaaaaaat	ggacaaaaag	aaactataat	gtaatgggtt	tcccttaaa	1860

gaatgtcaaa	gattgtttga	tagtgataag	ttacatttat	gtggagctct	atggttttga	1920
gagcactttt	acaaacatta	tttcattttt	ttcctctcag	taatgtcagt	ggaagttagg	1980
gaaaagattc	ttggactcaa	ttttagaatc	aaaagggaaa	ggatcaaaaag	gttcagtaac	2040
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tttccacaat	actgagctgc	ctcagaatcc	tcaaaatcag	tttttatatt	ccccaaaaga	2160
agaaggaaac	caaggagtag	ctatatattt	ctactttgtg	tcatttttgc	catcattatt	2220
atcatactga	aggaaatttt	ccagatcatt	aggacataat	acatgttgag	agtgtctcaa	2280
cacttagtag	tgacagtatt	gacatctgag	catactccag	tttactaata	cagcagggtg	2340
actgggccag	atgttctttc	tacagaagaa	tattggattg	attggagtta	atgtaatact	2400
catcatttac	cactgtgctt	ggcagagagc	ggatactcaa	gtaagttttg	ttaaatgaat	2460
gaatgaattt	agaaccacac	aatgccaaaga	tagaattaat	ttaaagcctt	aaacaaaatt	2520
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gtcttctcca	gctagccctt	atgaatattg	aacttaggaa	ttgtgacaaa	tatgtatctg	2820
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tggtatcgcat	ctgtgtgact	aatggtttat	ttgtattata	tcacatcat	catcctaaaa	2940
ttaacaaccc	agaaacaaaa	atctctatac	agagatcaaa	ttcacactca	atagtatggt	3000
ctgaatatat	gttcaagaga	gagtctctaa	atcactgtta	gtgtggccaa	gagcagggtt	3060
ttctttttgt	tcttagaact	gtccccattt	ctgggaacta	aaaccagttt	tatttgcccc	3120
acccttggga	gccacaaatg	tttagaactc	ttcaacttcg	gtaatgagga	agaaggagaa	3180
agagctgggg	gaagggcgaga	agactgggtt	aggaggaaaa	ggaaataagg	agaaaagaga	3240
atgggagagt	gagagaaaaat	aaaaaaggca	aaaggggagag	agaggggaag	gggggtctcat	3300
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cagttgttct	ttgtcatact	actatttcct	tcgtctccca	gaatcctcag	ggcactgagg	3540
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gtgttatcca	gttatgagat	aaaaaatgaa	tataagagtg	cttgtcatta	taaaagtttc	3960
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aagaatgatg	aagcattggt	tttaattctta	agactatgaa	ggtttttctt	agttcttctg	4140
cttttgcaat	tgtgtttgtg	aaatttgaat	acttgcaggc	tttgtatgtg	aataattcta	4200
gcgggggacc	tgggagataa	gttcgtacgg	ggaattctta	aaactgtgct	caactattaa	4260
aatgaatgag	ctttcaaaaa	aaaaa				4285

<210> 8222

<211> 2159

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (454)...(765)

<223> similar to gi4704429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8222
tcacccagtg aagacactgt aagtctggag gtaggggaca gcaatcagag gccctttggt      60
cactgcacag ttcctttaac tgcaacccta ggctggcctg acccagctgc tgcaggaagg      120
ggagggggcca tgggaggggg tcagagccca cagcaggact gttgcataat ccttggggcc      180
tggccttggg caatccaccc tggttctgaa gtttgtgctt tgtgtctggt tccttccttt      240
tctgccttct ctctgcttt ctactctggt gctttcccag ctccgaagtc aatactgaga      300
tcccagatgt gtccagagac atcctgaaga ggctcggggg tggaggagcc ttagtgtgtc      360
cacaaaggga ctctgaaac tgactgagag ccagtggatt tgccagcagt ctgagcttct      420
accgagtctt cccccacctc aatccctggt gctatggaga ctaccaatgg aacggagacc      480
tggtatgaga gctgcatgc cgtgctgaag gctctaaatg ccactcttca cagcaatttg      540
ctctgccggc cagggccagg gctggggcca gacaaccaga ctgaagagag gcggggccagc      600
ctacctggcc gtgatgacaa ctctacatg tacattctct ttgtcatgtt tctatttgct      660
gtaactgtgg gcagcctcat cctgggatac acccgctccc gcaaagtgga caagcgtagt      720
gacccctatc atgtgtatat caagaaccgt gtgtctatga tctaacacga gagggctggg      780
acggtggaag accaagacac ctggggattg cgtctggggc ctccagaact ctgctgtgga      840
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cgtcactggg gtgggagaag aggggctggt agaccgaagc cttgtgcata aggatttttt      960
cccaggaaaa gatagacttt ataaacagtg ggagcccatg aacaaacata taaaagtagc     1020
aacagataat gaccaataac tggttcagtg gctggagtat taggggcctg gggattggag     1080
aacggagaag aagttgtagc agagggaaat gagacaggaa gatgctctgg ggacacattt     1140
tttatgtgtt atcttcagcc atgagaagca gtgatgacta tcccatatca cagatatgat     1200
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at ttgggcct gcatagtgcc atgattggaa cccagggaact ctggtctcct tgcctagtgc     1320
ttttcaaaac tctgtgctac acaggagtgg atccaggcct gaaggctcatc caaatctggg     1380
ggactctctt ttaagaaaaa gaattctaaa atatcttact tttgcaaaca ttatgaaaat     1440
atactgccac attaatatgt tgctagggcc cctgctagga ccttaagaag gagctcatgt     1500
gagtcaggac cctgaaatgt taggcctcgt tagctctatg gttcatatgc ttcttgaacc     1560
aagtcacagg gcacttccca gccacattgc caggcaacag gactaaacta cctccaaagc     1620
aagcagtctt ttcagttttg actgagtgat gtgagaaact tcttttcttt tcttttcttt     1680
tttttttttg aggcagtctc cctatgtcac ccaggctgtg ttgcagtgag ccaagatcac     1740
accactgcac tccagcctgg gcaacagagc aagactctgt ctccaaaaaa aaaaaaaact     1800
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tacagatggg aaactgagca gaaagtgtgt aaaacacca gcactttggg aggccaaggt     1920
gggtggatca cctgagggtc ggagttcaag accagcctgg ccaacatggg gaaaccccat     1980
ctctactaaa aatacaaaaa ttagctgggc atgggtggtac atgcctgtaa tcccagctac     2040
ttgggagggt gaggcaggag aatcacttga acctgggagg tggagggtgc agtgagccaa     2100
gatcacgcca ctgcactcca gcctgggtga cagagcaaga ctctgtctca aaaaaaaaaa     2159

```

```

<210> 8223
<211> 1822
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1823)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```

<222> (1613)...(412)

<223> similar to gil086901 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8223
ttttttttga attttctcca gatatttaat gcaggatgcc aatgtagcca tattcccatg      60
aaatgtgggt agcagtaggg gagttgtagc cctatcgaat caaagtatta caatacagct     120
gaaagcttta tatagacgta ttteggttct taattgcact aatgcagaca gtttaataga     180
taagcttctc tcttgtgctt tttctacttt gggagggttat atactttaga tgagagacaa     240
agaaactcta ctggtttaag agttctcagt tttactttta ctatagacct tttttcccac     300
cagtttagat gggaagaccc agcctttggg ataaataact tacttccaca aaaatattta     360
aagggtatct ttagtgttca ctgtcagttg tgtagtcttt tggttaagggg gtggctagag     420
cctctttact ctacgtaaagt gctctgggct gatggataaa cacactaaat ttaacaccct     480
ggttgtttgc agctctgaca aaaccactat tagcagtcac tgtgatggct tttagggtgt     540
ctcccgcccc aaaaattggt aatgagcggc tattaatttt tgaactggcc actagtctca     600
aggcacgctc agaaggtcgg tctggtacca cattaattcg cttaattaac acagtggccc     660
tctctctctc cccaggtcct cctaaggtat ctaaaataga ctgaaagtcc ttgacagcag     720
attcacaagc aaacaactcc ttgtccttca taaaggcctc cagctgaggt agaacctgct     780
ctttctctct ttgctctgct tgttctgtga gcactttctc tttgaaaata aagtggcagc     840
ctccatagct gagggcagat acatatgtga ttaaagtagt aatgtccaga tttactcttt     900
tgcacacatc gaccttaatt tctgttggaa acgcaacact tgctagtata ttttctcggt     960
caactctggg cacctgcaaa agttcagggc cctcatcatc tgattcactc tcacttggtt    1020
gaagctcttc aggggtgatct aacagagcgt tgactgctac tatgtctcct ctcacagata    1080
tgcccatthc tttcagcttc tctgccatgg ggctggagac actggtgtaa aatgcaaaga    1140
tgatgtgagg gttgctatac tgcactggct gctggtgact ggcctggagg aagtcttcag    1200
cctgctcaat gatgcttttg tcaccatatt ggcccctgcc cagccagatg ttatgaagag    1260
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caacttcttc caggttttct gctgattcca caatggctct cagggtgtgt aggttagtgc    1440
tctgtaaatg agactcttta atagctactt tcccagcttc tactttctgc aagaatttta    1500
attctgcctt caatttgctg cacagctttg caccaccttc tatgccacct tttcttgatc    1560
tagaaagtga ttctgctctc ttgatcagtt ccttggctat ggcgattcgt tcacagagca    1620
tggaatgtgc agacatgctg tcagcattat tcctttccag cagcgccaga accgcgagcg    1680
cgagcacgca ggcgcggtgca cgcagaggcc gggacccgcc gggaaatctc aaccgggcag    1740
ccccacccc gctcgaacgc cgaggcggct ccacccgcgc gagccacgaa atcgtcgagn    1800
nnnnattccg gaccagagcc tc                                           1822
```

<210> 8224

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (112)...(414)

<223> similar to gi36870 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8224

tttcgtcttt	ccagacaaag	acaagtgaca	agaatttttag	gtttaaaaag	caaccagatt	60
catctcagca	gctttttag	ttttaataa	gcaaggagtt	tctccagcga	aacttcctca	120
cacctcttgg	tcttgggtctc	ttcagacact	ttccttctctg	ttctctggag	atcttgacaga	180
aaagagcctg	cagtgtttcc	cttgctcagc	catgctcctg	gagcttatcc	caactgtggg	240
gatacatttt	gtcctgagaa	ctgccagagc	ccagtccagt	acccagcctg	acatccacat	300
caactgtctct	gaaggagcct	caactggagtt	gagatgtaac	tattcctatg	gggcaacacc	360
ttatctcttc	tggatggaaa	gaactgttga	agaagctttt	atacttcttg	tttgcttgaa	420
gccttggagg	gtagcaagta	gtctggagaa	aaaggagaag	gaggatgaat	ctttccagct	480
gctacttggc	tcacgtata	atgtattaaa	ggcacactgt	cttctacctt	tgataagatg	540
gctaacttca	ggtgactcac	tggtatcagc	tcagccacat	tgcccacagg	gactgtgatg	600
ggcactttat	gcgaatctta	aaggaggttc	ctgcagcatg	agaggcttct	ccagcgtccg	660
gctcctgcag	tgacccaca	ccaggttctt	gcgctgtaca	gtggccagca	gtgtcctcca	720
gcacttccat	ttttgcgtgg	ta				742

<210> 8225

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (376)...(1105)

<223> similar to gi4884372 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8225

tttcgtctgg	agagccccgt	ggggtgtaag	tacactgcgc	ttataaaact	ctagcaggaa	60
gctagcagct	gtctccaaac	ccagagaagg	ggaaacagga	atcgattagg	aataaaggat	120
tataatccac	tttcccttctg	aggaaaagct	gggaaccttc	tcattttgcc	ttatgaaaac	180
taagctgaat	cgactgctgc	caaacatcta	ttaggcaaaa	ttggcctctt	gcccattgatt	240
tgactttcca	gcacagccag	ttctttttct	cctctgcagc	tgattggctc	tgagagtgtg	300
ccagaagcct	ctctcctgca	attaaaggag	tcgggtctct	aactgttgat	ctgttttttt	360
cccttctgag	caatggagct	taccatcttt	atcctgagac	tgccatttta	catcctgaca	420
tttcccttgt	acctgctgaa	ctttctgggc	ttgtggagct	ggatatgcaa	aaaatggttc	480
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gagctcttca	gtaacctgca	ggagtgttgc	ggccctccg	ggaaactctc	cctgctggaa	600
gtgggctgtg	gcacgggggg	caacttcaag	ttctaccac	ctgggtgcag	ggtgacctgt	660
attgacccca	accccaactt	tgagaagttt	ttgatcaaga	gcattgcaga	gaaccgacac	720
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ctccgcgagg	tgtgcagagt	gctgagaccg	ggaggggctt	tctatttcat	ggagcatgtg	900
gcagctgagt	gttcgacttg	gaattacttc	tggcaacaag	tcctggatcc	tgcttggcac	960
cttctgtttg	atgggtgcaa	cctgaccaga	gagagctgga	aggccctgga	gcgggccagc	1020
ttctctaagc	tgaagctgca	gcacatccag	gccccactgt	cctgggagtt	ggtgcgccct	1080
catatctatg	gatatgctgt	gaaatagtgt	gagctggcag	ttaagagctg	aatggctcaa	1140
agaattttaa	gcttcagttt	tacattttaa	atgctaagt	ggagaagaga	aacctttttt	1200
ttggggggcg	gttttttttg	ttgtgtgttg	gttttttttt	tttttttggc	aggaagaggg	1260
agttttgtct	ttgttgccca	ggctggagtg	cagtggcgtg	atctccgctc	actgcaacct	1320



ccacctcgcg	ggtttaggcg	attcttctgc	ctcagcctcc	ctgggtgctg	tggtcccagg	1380
tacttggggg	gctgaggcag	gagaatctct	tgaaccagag	aggcgaaggt	tgcaagtgaac	1440
cgagatcgtg	ccgttgtact	ctggcctggg	tgacaagagc	aagactccgt	ctcaaaaaaa	1500
aaa						1503

<210> 8226

<211> 1678

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (406)...(896)

<223> similar to gi3132471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8226

tttcgtctgc	gatcgagggc	ccgggcgggc	ggccagccgt	ctcgccgagt	gcggactggc	60
cggatctgct	gtcagtcagc	gggaacagac	ttctccctct	ccatctgggtc	aactgcggga	120
gaaaaatttt	cgagaatttc	cagcaggcaa	ggcagtgggc	gctttgactg	cttgcttcgg	180
agatccgaga	cgacggagaa	ggcactctta	tttaccgacc	aagaaaagctc	ctcccccgtc	240
ctcgttagc	taattaaaa	atttttcagg	gacgtagcca	tccagagggga	tttgcttcct	300
aaggagaaga	acttggaaac	tctgttgacc	ttggttttcc	tagaaataga	taaagccttt	360
tcgagtcag	cccgcctgtc	tgctgatgca	actcttctga	cctctgggac	tactgcaaca	420
gtagccctat	tgcgagatgg	tattgaactg	gttgtagcca	gtgttgggga	cagccgggct	480
attttgtgta	gaaaaggaaa	acccatgaag	ctgaccattg	accatactcc	agaaagaaaa	540
gatgaaaaag	aaaggatcaa	gaaatgtggt	ggttttgtag	cttggaatag	tttggggcag	600
cctcacgtaa	atggcaggct	tgcaatgaca	agaagtattg	gagatttgga	ccttaagacc	660
agtgggtgtca	tagcagaacc	tgaactaag	aggattaagt	tacatcatgc	tgatgacagc	720
ttcctgggtcc	tcaccacaga	tggaattaac	ttcatgggtga	atagtcaaga	gatttgtgac	780
tttgtcaatc	agtgccatga	tccaacgaa	gcagcccatg	cggtagactga	acaggcaata	840
cagtacggta	ctgaggataa	cagtactgca	gtagtagtgc	cttttgggtgc	ctggggaaaa	900
tataagaact	ctgaaatcaa	cttctcattc	agcagaagct	ttgcctccag	tggacgatgg	960
gcctgattac	cagctgggac	ttagagtttc	tgtgcaacag	tttttcaactg	agcatgtcaa	1020
gaaactgata	agatcaaaaa	ggctctcctaa	ctcactagat	cagcgcacaa	gtcagtgtaa	1080
accacttaga	tagtagtttt	ttcataaatg	ctcatcatat	ttatgttccg	ctgtacatgt	1140
tcagtataaa	tatatgtgta	gtgaagctac	tgtgagtctt	taaatggaaa	gagcaaatga	1200
gaagtgggtt	ggatacactt	gatgagagat	gagagtgtca	cattaataat	ttttaagact	1260
cttaggcagc	tatgggtttc	ttttgatcat	ttttgttctt	tattcatttg	aacacgtttt	1320
tgaagtctct	caaaactagt	cagtttgaat	tttgacagct	attcaatatg	tgatctccaa	1380
gttttaaaaa	atttttttcc	agacttccct	aatcctaaaa	tgcgagtttt	tatttttaat	1440
aactgtacca	aggaataagt	atgaaaacag	ttctctgtta	ccatattttg	tattctggac	1500
cacttactgg	tgaaagcaac	catgcaaaag	aaattaattt	ggccaggcac	agtggctcat	1560
gcctgtaatc	ccagcacttt	gagaggccaa	ggtgggtaga	tcactctgag	tcaggaattc	1620
aagaccagcc	tggccaacat	ggtgaaaccc	tgtctctagt	aaaaatccaa	aaaaaaaa	1678

<210> 8227  
 <211> 1368  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (269)...(1172)  
 <223> similar to gi4972734 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8227
ctcctctgga agcaggacct ggcttcctcc ctcctctctc cgcccaccct cgtcggcgctc      60
tgccccgcgc ccgccatagc gacggcaacg ggcgctgcgg agtgctccga gccgtgaggg      120
cggggccggc gcgatgcccc gcccttcga tagctcatct ttgcgcgctc cagtcgcgcg      180
gagcccggtc tccgacgtgc agcctggcag tgcagtgagc tgtctggcct tttgtccttg      240
atccttggtt aaggaaatga ccaaccagta cggatattctc ttcaaacaag agcaagccca      300
tgatgatgcc atttggtcag ttgcttgggg gacaaacaag aaggaaaact ctgagacagt      360
ggtcacaggc tccctagatg acctggtgaa ggtctggaaa tggcgtgatg agaggctgga      420
cctacagtgg agtctggagg gacatcagct gggagtgggtg tctgtggaca tcagccacac      480
cctgcccatt gctgcatcca gctctcttga tgctcatatt cgtctttggg acttggaaaa      540
tggcaaacag ataaagtcca tagatgcagg acctgtggat gcctggactt tggccttttc      600
tcctgattcc cagtatctgg ccacaggaac tcatgtcggg aaagtgaaca tttttggtgt      660
ggaaagtggg aaaaaggaat attctttgga cacgagagga aaattcattc ttagtattgc      720
atatagtcct gatgggaaat acctagccag tggagccata gatggaatca tcaatatatt      780
tgatattgca actggaaaac ttctgcatac cctggaaggc catgccatgc ccattcgctc      840
cttgaccttt tccccggact cccagctcct tgctactgct tcagatgatg gctacatcaa      900
gatctatgat gtacaacatg ccaatttggc tggcacgctg agcggccatg cctcctgggt      960
gctgaacggt gcattctgtc ctgatgacac tcactttgtt tccagttcgt ctgacaaaag     1020
tgtaaaagtt tgggatgttg gaacgaggac ttgtgttcac accttctttg atcaccagga     1080
tcaggctctg ggagtaaaat acaatggaaa tggttcaaaa attgtgtctg ttggagatga     1140
ccaggaaatt cacatctatg attgtccaat ttaaaccatca aagtctccag gcttatgctg     1200
caaagagaat gtacggattg atcatgacat tccttacctt cttaggcttg tttaaaagaa     1260
atatagcatt tattgtagca aagacttaaa ttttgtagat acaatatgaa tcttttcatg     1320
ttttattgga aatgctgttc atactttaac ataaagcttt cttaatgc      1368
  
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<210> 8228  
 <211> 3031  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (110)...(918)  
 <223> similar to gi4200241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8228

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tagagcgagc	aggtctcagc	tccctcgatc	gtcatacggg	cccttagaca	tgtaccggaa	120
ccccggggccc	tggggggccc	agctccggga	cttcagcagc	atcatccaga	cgtgcagcgg	180
caacatccag	cggatcagcc	aagccactgc	tcagataaag	aatttgatga	gccagctagg	240
aactaagcag	gactcaagca	agctacagga	aaatctgcaa	cagttacaac	actccacaaa	300
tcagctcgcc	aaggaaacaa	atgaattgct	gaaagaatta	gggtccttgc	cccttccctt	360
atctacttca	gaacagcgcc	agcagagact	tcagaaggaa	cgctcatga	atgacttctc	420
tgcagcctta	aacaatttcc	aggctgtgca	gagaagggtg	tctgaaaagg	aaaaggagag	480
tattgccaga	gcaagagctg	gatctcgctc	ttctgcagaa	gagaggcaaa	gagaggagca	540
gctgggtctca	tttgacagcc	atgaggagtg	gaaccagatg	cagagccagg	aggatgaggt	600
ggccatcact	gagcaggatt	tggaaacttat	taaagaaaga	gaaacggcaa	ttcggcagct	660
ggaggctgac	attttggtatg	tcaatcagat	atttaaagat	ttggccatga	tgatccatga	720
ccagggtgat	ctgattgata	gcataagaagc	caatgtggaa	agctcagagg	tgcacgtcga	780
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gtgtatcctg	gtgcttgctc	tgtcagtgat	tattctaata	ttgggactta	ttatctggct	900
agtttataaa	acgaagtgat	tgcctccgat	cgttctcccg	ctgagctggt	ttcaagggca	960
agtgtctgtt	gaagtcttgc	cagaacaaac	tgatcacaa	aagacagcat	atatcagaac	1020
gtcctgtaat	catttagtta	gaaactaact	actaactagt	ctttggaatt	cgtgacctat	1080
ggagacagta	attatcaatt	tattgattct	attgatttct	caaattagga	attaacttat	1140
gtggattttg	cttcctcttg	tattctgatt	gcccttcac	ccaagtgttt	actgaaaatt	1200
ccattctaga	tattcttggt	ttgacaaatg	acactacagt	ctcgtaatat	tgtcttttat	1260
gtatatacaa	aatttacctt	tttactagca	tctgagatag	agttactttc	tggtagccag	1320
tatattggag	tctgtcagaa	actctataat	aggccaccag	tttttattat	ttaacatttt	1380
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aattggaagg	taaaatattg	tacatgtgat	ccagagtaaa	tgagaagtct	ctatctgagc	1500
tggtcagtta	ctggagtaca	tgttactaat	ctgggtttta	agtttacttc	attatctgct	1560
agtgtcatcc	acagcagttc	atcctcatcc	acactaagcc	atcctgttag	cttttaaagg	1620
aagttaattt	aattaacatt	aatatactct	atgggctccc	tctcccacct	gtctgcatag	1680
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taatcttggt	gttggttggt	ttgttggtca	cttggtgttc	tacattcctg	gtgaatgatg	1800
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gaagattttt	aaagatagat	tgagggttggt	ttaaaattat	tcctgtaaac	caacaataaa	1920
gcaaagaaga	ggttcatttt	tgtaaaataac	actgggtttca	aatagtgatg	ttagacttaa	1980
cctaattttat	aaacaagaga	ttaatatctc	catgcatagt	tttagacaaa	aaaagatggt	2040
tcaataaaat	tactgtcttg	taatataaat	gttggtccact	tcccttttcc	acaggcctag	2100
aacagttaaa	gggaacataa	tttggttagg	ctccacata	aatgtgaatc	tggccaacaa	2160
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ttcttctggt	ctccttctgt	tattatactt	aatcttctaa	actaaactaa	tgtgaacagt	2280
aggggaagcaa	gggcccctaat	gcataagttt	ctttgcactg	ttgcacttac	ttaatacaaa	2340
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gcttttggtc	tgtaatactg	tgtgacctgt	ggtgtgtgta	atggtgatca	tggagagcaa	2940
atatgaactt	ggcctggatt	ttaaatggcc	tagaatttgt	ggtagttgcc	aaagaggttc	3000
tcctaggtgg	tcttaataaa	cctattcaca	g			3031

<210> 8229  
 <211> 1768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1769)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1417)...(1038)  
 <223> similar to gi2935529 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8229

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tctgacacag	gagctgggag	gatgggcaga	tgtttaccac	ggccagtgtg	gtgggacaca	180
cacacctgaa	agcctgggac	ttggcctcca	ccctgctggc	accatccctc	ggcctgggcc	240
acgccttget	gcagtaaac	ccagtggggc	ttcagaagca	caacatcctt	ccaggctctt	300
attgacgcca	ggcacaagtt	gccgtgaggg	gtggcgaccc	taaggggggtg	agtgggggtcc	360
cccaccgagg	tgaacctga	tggcggtgt	ttgccaggg	ccaggcctct	gcaggcaggc	420
ggagggccag	gcctaggtcc	agcagcagct	tgggtggcag	gagggtcacc	agctcaggat	480
gccagggcag	tacttgtcaa	tgagccctg	gtagtagggc	cgcagcttgt	ccacgtccgg	540
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cccgtagaaa	aacccccaa	gccccccacc	caacccccct	tttactccc	acaacacccc	660
tcggcgggta	gcggggggcg	ttacttgaac	tcccgacacc	agggcagcat	ggccagggtcc	720
tgctgggtgc	acagctgctt	ggtagtcgcg	gcccgtgtgc	caggggtaga	aaggagtgga	780
ccccgattca	tgtagaaagc	ctgcgggcaa	ggccacccag	cggctcactt	ggggctgcag	840
gaccgggcct	ggtggacggg	ctgcgttgcc	cctcccccca	cctacctcag	ggggcagtga	900
gaacttggtt	aacttcatca	cctggtacat	gtactctgtg	gggagagggg	gtcaccagca	960
ggcactgcct	ctgccccacc	gccccccacc	gtccccacc	gccccccacc	gccccactgc	1020
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ggctgatata	tcccagctc	tgtgctgtat	cgaggatcct	ggaggtcagg	gttgtcctgg	1140
aaggtggagt	cgcagaaaac	cacggaggcc	tgcggacggc	atccgacggg	gaaggtgtcg	1200
ccgacgacag	ccactgggg	ctccccgaac	agggccagga	ccttccccag	gtcgtgcagg	1260
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tgggaaggcat	ggaaggagtt	ggggaaatct	acgtccgggt	ccgactcatc	caccagccca	1380
tccagcaggt	ccacggcctc	catgactgtc	attttcttgt	aggagaagcc	cccaaactgg	1440
gcatgcttgc	tcctgacgaa	gtccactgtc	tgggtgcgtgt	gcatgagctt	gtaggtgggtg	1500
aagacacggg	ccaggagggg	acctgacgtg	tagttccgga	agctggcctt	gtctttggcc	1560
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ggctgcagac	tccaagcctg	cctctgctcg	agggctgggtg	ggtgacacgc	gaggacacag	1740
cctctcccg	gccatcatcc	cagccct				1768

<210> 8230  
 <211> 2948

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2949)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1863)...(2951)  
 <223> similar to gi3170174 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8230

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tcaagtcagc	agaaaagaaa	acaaagcaaa	cattaaaaga	agttcagact	gttaccnct	180
attcaaaaag	caagaaaagt	atattgggtg	acctgaaata	gtagccagcg	caccctaagg	240
gtgaactact	gaagagggtg	cttaacccat	tacttcctta	tggaccagct	ctcattgaac	300
actgtctttt	agaaaatgga	ttctcgggta	atgtcaaaagt	ggatgaaaaa	cttgaaacta	360
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aacattcaca	atgtccatat	atagaatttg	aatcatttga	caaggcgggtg	gatgaatttt	600
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tgaagaaatt	agataatggt	cgaaaggatc	acgaaaacag	attggaagct	cttcagcagg	720
ctcaggaaat	agacaaactg	aaaggagagc	tcatagaaat	gaacctaca	atagttgaca	780
gagccattca	ggtagttcga	agtgccttag	ctaaccagat	agattggaca	gaaattgggt	840
taattgtgaa	agaaagccag	gctcaaggag	accctgttgc	aagtgcattc	aaagaattaa	900
aactacaaac	aaaccatggt	acaatgctgc	taagaaatcc	atacttggtta	tcagaggagg	960
aagatgatga	tggtgatggt	gacgtcaatg	ttgagaaaaa	tgaaactgaa	ccaccaaaaag	1020
gaaaaaagaa	aaaacaaaag	aataaacagc	tgcagaagcc	tcagaaaaat	aagcccttac	1080
ttgtagatgt	tgatctcagc	ttgtcagcat	atgccaatgc	caaaaagtat	tatgatcaca	1140
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cagcagaaaa	gaaaacaaaag	caaacattaa	aagaagttca	gactgttacc	tctattcaaa	1260
aagcaagaaa	agtatatgtg	tttgagaaat	ttctgtggtt	cattagctca	gagaactatc	1320
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caggagacat	ttatgtacat	gctgatcttc	atggagctac	tagctgtgta	attaagaatc	1440
caacaggaga	acccatcccc	ccacggacct	tgactgaagc	tggcacaatg	gcactttgct	1500
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tatctaaaac	agcaccaact	ggagaatatt	tgacaacagg	aagcttcatg	ataagaggaa	1620
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atgagtcttg	tgtttgagaa	catcaggggtg	aacgaaaagt	cagagtacag	gatgaagaca	1740
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gaggtgacac	gagcagtgat	gaggataaag	aagaacatga	aactcctgtg	gaagtagaac	1860
tcatgactca	ggttgaccaa	gaggatatca	ctcttcagag	tggcagagat	gaactaaatg	1920
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atcaggattc	tggttggtgaa	atgaaggatg	aagggggaaga	gacattaaat	tatcctgata	2040
ctaccattga	cttgtctcac	cttcaacccc	aaaggtccat	ccagaaattg	gcttcaaaag	2100
aggaatcttc	taattcttagt	gacagttaa	cacagagccg	gagacatttg	tcagccaagg	2160
aaagaaggga	aatgaaaaag	aaaaaaacttc	caagtgactc	aggagattta	gaagcgtag	2220
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cagcaagaga	aaaagactta	ttccgcagcg	taaaggacac	agatttatca	agaaacattc	2880
ctggcaaagt	gaaaagtgtc	tgcacccaat	cttctgaacg	taaaaaggaa	atagctgaaa	2940
tgaaattc						2948

<210> 8231

<211> 2327

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2145)...(1837)

<223> similar to gi434845 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8231						
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cttgaagggt	acatgccggc	ttcccttaag	ttgattagat	gggaaaccaa	acaccgtctt	480
tcaagtgtga	ggctgtgcca	tgctccctca	gggaggaggg	gcgctgggtc	tgaccaggtc	540
tgccctctgc	ctcaccagct	ggcagacgtg	aactggagaa	cagcaccaga	aaggctggtg	600
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gtgtgagcgc	cggggagcga	gcgggcggga	gaacgacgcg	cgcgcgtggg	gcgccggggc	2280
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<210> 8232

<211> 3343

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3004)...(2499)

<223> similar to gi2773220 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8232

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gaggctacca	caaatatata	aaaaaacttc	actctattct	acaacttaca	tacatctagt	180
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tgctcagtca	gcacccctgc	tagcccatca	agcttaatga	aagcctcttc	aggagctgtc	3300
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<210> 8233

<211> 1942

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1943)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1792)...(1317)

<223> similar to gi5262816 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8233



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tcagagaaaac	tcaaatcccc	gaattctcct	gtggcatggt	ttatatcaga	cattttaaatt	240
ctgtttacca	agaaaagacca	ggatttttaac	tatatgtagg	tttctgctta	cagttgcaaa	300
ctatcagaag	cctgtctata	tgatagagcc	cagataaacc	tgagatttag	aaaagcaagt	360
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<210> 8234

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (102)...(740)

<223> similar to gi23911 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8234

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ctaccatgct	atctggccta	ctgttttggc	tggcatctgg	atggactcca	gcatttgctt	180
acagcccccg	gacccctgac	cgggtctcag	aagcagatat	ccagaggctg	cttcatggtg	240

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cttttggcaa	catccccaac	atcgtggcag	agttgactgg	agacaacatt	cctaaggact	420
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ctgtagaaag	ctgtcatttg	attttgatta	tgtagttcat	ccagcccttg	ggcattgtta	1140
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<210> 8235

<211> 6517

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (226)...(2264)

<223> similar to gi3043592 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8235

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agaaatgttt	attttaaagt	tcaccagagg	atttaaatat	acactgaagt	ttaagaatca	180
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tcactaaact	tgaattgcca	gtgggatcag	agacagcaag	aatgccaggc	tttaccagct	360
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gaattttcca	aggaatacaa	gccatctggt	tggtgttagt	tatagcagtg	atttcattag	6300
agtgtacatt	taacatttta	gttttatcaa	aattttttga	aattaagaat	tagaaccaga	6360
gctcctatca	gtatatatgt	acacagggtg	gcacgccagt	gttcaaaaaca	gattgtgtaa	6420
aagttcaagc	ccgttttaga	aagccaacat	tttatgttat	aatatgctgt	taatcaggac	6480
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<210> 8236

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (260)...(340)

<223> similar to gi2065169 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8236

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aggggcgtgg	tggattaaga	catccactgc	tttttacc	gcaggatata	tctgtgtctc	180
taaggacccc	aggtgagggg	agaatatcaa	tttatgattc	ctgggtgcag	caagtcccca	240
cccccacttt	tctcttttag	ctccccatcc	agatcagcca	gagttcaccc	ctgtccaaga	300

tgagctggaa	gccatggaac	tgtggggccc	tggagtctga	tagcctcagg	agaaatttga	360
agaccaactg	caagaactct	taaggaatct	tgtttgagaa	aatgttggtta	tgtgggttgt	420
atgctacttt	tggggggcag	ggctcatttc	agcagcctaa	atctcctcct	tggataatgt	480
taatattatt	attattatta	acaaaaaata	tatatTTTTa	aaaagttccc	ttaatctatg	540
acatggtagc	aatgatttcc	ctttggtgtc	ttaatggcat	gtcagataat	ttgtttttcc	600
agagaagaga	gctcaaagag	gaattgggaa	aaataaattg	aactctggaa	tcttctctct	660
caagtcctaa	aatgaacaaa	cagatatgat	tgtgtttgag	ggaaatatgt	ccctagcagg	720
aaaagaattc	aaagagggtc	aaagaatatg	tcacttactc	ctacttgcta	taggaataac	780
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ttaagctttc	tgaatttggg	tagtttaaga	aacagattta	gttttttcag	tgggttttaa	960
ctgcatgtga	aataatgatt	ttccaccagc	tctgatgcaa	agagatataa	ttttaatgaa	1020
cgatttatcc	agcagtttgt	tccaggggtt	gcctctcctt	atctacgggg	attactttgt	1080
acatgcagat	aagttttcgc	aaacctattt	ccattttctt	ttgtaagcaa	ataaaacttt	1140
aaaacaatgt	atgtggattc	tttttctcgc	atttctaagt	atcaccttaa	gctttttag	1200
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tttattcat	tcgtttactc	actcactcat	tcattcattc	tgagtgcagt	agaaaacaga	1320
agaagcagtt	aacttgggac	taagagatta	gcgacatttt	attgttcatt	tataatctag	1380
caggcagcaa	agaccctgca	aatgcatgac	ctctgctaaa	taaatgttta	tcaatagttg	1440
actgaggagc	ccacctatct	tctgatattg	aggaaagcct	a		1481

<210> 8237

<211> 2321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(1209)

<223> similar to gi3687322 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8237

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gcgctgcgcg	ccggggcgcg	ccaatacgaa	cgctacagct	tccgcagctt	cccacgggac	120
gagctgatgc	cgctcgagtc	ggcctaccgg	cacgcgctgg	acaagtacag	cggcgagcac	180
tgggccgaga	gcgtgggcta	cctggagatc	agcctgcggc	tgcaccgctt	gctgcgcgac	240
agcgaggcct	tctgccaccg	caactgcagc	gccgcgccgc	agcccagagc	cgccgcgggc	300
ctcgccagct	atcccagagc	gcgcctcttc	gggggcctgc	tgcgcgcgcg	gcactgcctc	360
aagcgctgca	agcagggcct	gccagccttc	cgccagtcct	agcccagccg	cgaggtgctg	420
gcggacttcc	agcgccgcga	gccctacaag	ttcctgcagt	tcgcttactt	caaggcaa	480
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atgatgaaga	ggaacatggc	atattataag	agcctgcctg	gtgccgagga	ctacattaaa	600
gacctggaaa	ccaagtcata	tgaaagcctg	ttcatccgag	cagtgcgggc	atacaacggt	660
gagaactgga	gaacatccat	cacagacatg	gagctggccc	ttcccgaact	cttcaaagcc	720
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tacttgagct	ttgcctatta	taagttgaac	gacctgaaga	atgcagcccc	ctgtgcagtc	960
agctatctgc	tctttgatca	gaatgacaag	gtcatgcagc	agaacctggt	gtattaccag	1020

taccacaggg	acacttgggg	cctctcggat	gagcacttcc	agcccagacc	tgaagcagtt	1080
cagttcttta	atgtgaccac	actccagaag	gagctgtatg	actttgctaa	ggaaaatata	1140
atggatgatg	atgagggaga	agttgtggaa	tatgtggatg	acctcttgga	actggaggag	1200
accagctagc	ccacagcaac	caaagagact	tcctcttggc	gttcaggaaa	cacagattct	1260
ttgtcctttt	cccaacagcc	caggctgttg	atacctcaga	gccttctctt	tactctccaa	1320
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ccagagctgt	ctagtttcat	tcattctttc	agtaaataat	tattgagtac	ctactgtgtg	2280
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<210> 8238

<211> 1318

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (56)...(966)

<223> similar to gi4239974 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8238

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cacgggtgaag	gtcaggatcc	agacggagcc	aaagtacaca	ggcatctggc	actgcgttcg	180
ggatacgtat	caccgagagc	gcgtgtgggg	cttctaccgg	ggcctcttgc	tgcccgtgtg	240
cacgggtgtcc	ctggatatctt	ccgaggtttt	tggcacctac	cgccactgcc	tggcgcacat	300
ttgccggctc	cggttcggta	accctgacgc	caagcccacc	aaggccgaca	tcacgctctc	360
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gttggtgtg	cccccatgt	gtcctgtgcc	cccagcctgc	ccagagccca	agtaccgcgg	540
gccactgcac	tgcttgacca	cggtagcccg	tgaggagggg	ctgtgcggcc	tctacaaggg	600
cagctcggcc	ctggtcttac	gggacggcca	ctcctttgcc	acctacttcc	tttctacgc	660
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caagtcgaga	ctgcaggcag	acgggcaggg	ccagaggcgc	taccggggtc	tcctgactga	840
tatggtgacc	atcggttcgag	aggagggacc	ccgggtcctt	ttcaaggggc	tggtaactcaa	900

ttgctgccgc	gccttccttg	tcaacatggt	ggctcttcgtc	gcctatgagg	cagtgtctgag	960
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ggcctagggt	ggcaggagcc	agggaggagt	gggcctcttt	gatgagagcg	ttgagttgca	1260
tggagtcggt	tgttcatccc	agcctcccca	tggccctcgc	ctcccatgtc	tttgaagc	1318

<210> 8239

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (48)...(392)

<223> similar to gi624961 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8239

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tgtatttgga	cgagaagcag	cacgcctggc	tgcccttaac	catcgagata	aaggataggt	180
tacagttacg	ggtgctcttg	cgtcgggaag	acgtcgtcct	ggggaggcct	atgacccccca	240
cccagatagg	cccaagcctg	ctgcctatca	tgtggcagct	ctaccctgat	ggacgatacc	300
gacctcaga	ctccagtttc	tggcgcttag	tgtaccacat	caagattgac	ggcgtggagg	360
acatgcttct	cgagctgctg	ccagatgact	gatgtatggt	cttggcagca	cctgtctcct	420
ttcaccccag	ggcctgagcc	tggccagcct	acaatgggga	tgttggtgtt	ctgttcacct	480
tcgtttacta	tgctgtgtc	ttctccacca	cgtcggggtc	tgggaggaat	ggacagacag	540
aggatgagct	ctaccagggt	cctgcaggac	ctgcctgtag	cccactctgc	tcgccttagc	600
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acacagccga	ttcacctgag	caggacctct	gaaaccttg	accagtggtc	tcacatggtg	840
ctacgcctgc	atgtaaacac	gcctgcaaac	gctgcctgcc	ggtaaacacg	cctgcaaacg	900
ctgcctgccc	gtaaacacgc	ctgcaaacgc	tgctgccc	cacaggttca	cgtgcagctc	960
aaggaaaggc	ctgaaaggag	cccttatctg	tgctcaggac	tcagaagcct	ctgggtcagt	1020
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gaacccttgg	cttgcccacg	tggaaaagg	atagaggttg	ggtttcccc	cttttataga	1140
tggttcacgc	acctgggtgt	ttacaaagtt	gtatgtggca	tgaatacttt	ttgtaatgat	1200
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<210> 8240

<211> 1202

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1203)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (54)...(707)  
 <223> similar to gi4128041 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8240

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ccagggagca	gaccatgccc	tcccaaccct	ggagttgtca	gggagggcct	gcccataccc	1140
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aa						1202

<210> 8241  
 <211> 852  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (700)...(307)  
 <223> similar to gi3875398 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8241



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ctaaataata	tacatattta	tgtatttata	tatgtatata	ttttaatctt	tctgtaattc	180
agtctttaac	tgtgaacttt	tacatgatgg	aagcagtga	ggactcaatg	tcatagtaca	240
ttttgatagt	atttgatagg	ctttttcagg	tcaattaatt	tagttgcttg	caaatataaa	300
tcaagcttgc	tccagttcca	caaggactcc	accacagtct	ttaggatgga	gaaaaatcac	360
tggttttcca	tgtgctccta	ttttgacctc	ttcacttaga	ctgcggatct	tctttttttt	420
caaatccatc	acagctgcat	taatattatc	cacctcgatg	cagatgtgat	gcattcctcc	480
agccttgttt	ttctgcagaa	aacctgcaat	tggactgtca	cgtcccaatg	gatgaagcag	540
ttccatcttg	gtatttccca	ggttgacaaa	aacaacagat	actccatggt	caggaagagg	600
gaccgcttca	cttacctggg	cccccagaat	attcttataa	aatgctgcag	cctttttccaa	660
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ttgatccaag	ggctgtgatg	tggaagaagc	tcttactgtt	ggaatgggag	cttgaagtct	780
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<210> 8242

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1100)...(779)

<223> similar to gi3820618 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8242

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gaaaaatatt	ctaaatatac	ttctagaaat	gacaatgtct	ttgttgattg	acttagattc	180
agtttatttt	aattacatat	attgtttgat	ctaataaggt	gttacggcag	gacagaaggg	240
tgaaattaaa	aatctgaaag	aaatctttta	taatcttata	tacttaaaaa	agtagtatgc	300
aaactgacag	agaaggtatt	ttattttatt	ataatatcat	tttgtaaaca	atcacactgt	360
gcactttttt	attcaacaat	aagaacaatt	tttttctagg	gatttatagc	aaaccctata	420
taaagtgaat	gacttaatac	acgagtgaag	atcgactagg	gtagaataat	ttctgaaaat	480
gtcaaattac	agcacttgat	acaaagactg	atgataacta	tctgtaccat	aaaaatttac	540
atgccacgaa	aacattaatt	tataatttta	aatatacagt	aaaacatagt	tataaaaaga	600
gtattacatt	tattataaac	cagtgaatta	ctcagagaaa	tattttattaa	aacctactaa	660
aaaccagtaa	atattgcaac	tgaggtaaaa	atttataagt	aaacaaaact	atcattttata	720
aggaccaaga	agtaaacaaa	agggcagaca	ttttctgatg	actgtgtcta	ctccttgata	780
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gttcctccat	tccaatcata	ttcattttaca	tcaactccac	aatcaagcag	cattttgaca	1020
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agttggggat	cagcacccctg	gtatgggaag	tagagataaa	agacttctca	attagtttaa	1140
acaagaatat	tgttattcct	gtcaacaata	attatagttc	aacactaggc	ctggtaattgt	1200
tctgggctta	ataaagaaat	aatggaaact	tttactcatg	gatgctttta	ttgagattgc	1260
ctggatgcct	tccttctctc	gtcctgtatc	aatcctaatt	atcctttcac	tctggagtca	1320

```

agtcacagct cctccatgaa gccttctcct tcaaagctga cagtacttct gttcccgtgg 1380
gatgtagagg ggtctgggcg ttaaattatt tctcactgtt gcatgtatga ttagtcttgc 1440
cttcccaact agatccaagt tccacaagaa tatgaaaagc attaaacttt ttttggttagc 1500
ctctaccatt atatctagct ggctggatat ataaaaactc tactaaagac ttaacttaag 1560
taactataca tatacathtt ctgaggcatt ttc 1593

```

<210> 8243

<211> 647

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (32)...(292)

<223> similar to gi510991 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8243

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tttcgttggc gctttatagc tacacagtgc tatgccagag ccagcgaagt ctgctcccgc 60
cccgaaaaag ggctccaaga aggcggtgac taaggcgcaa aaaaaagacg gcaagaagcg 120
caagcgcagc cgcaaggaga gctattccat ctatgtgtac aaggttctga agcagggtcca 180
ccctgacacc ggcatttcgt ccaaggccat gggcatcatg aattcgtttg tgaacgacat 240
tttcgagcgc atcgcagggtg gagtggctga aacttctcag caggcgcacg tacactagtg 300
acctgaggag agaaacccta accccacaat ggctgcatct tctctgaaga cgagactgat 360
gctcatcttt gaaatgaagg gcagtgtgtg catttctcca tgaaggatc cagaaacagc 420
catgccagag ctgctgtggg gtggctgaac tgctattcct tttctagggt gggatcccca 480
ctctttgtaa ggaaggatat tggggtcctg acactgggaa ctcactttgt cagtgaggcc 540
ttctttaact gctgtcttgt aattgagcca ccccatctgt gtttcctgtt ccaatttagg 600
actttttttt ttttatcata atataaagat ctgaaatgct aaaaaaa 647

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<210> 8244

<211> 1674

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1058)...(536)

<223> similar to gi5105604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8244

```

agattaatth agataaccta gtgggttaata tgctcatgaa catcagcaac aaccgtgcat 60

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tagttttctg	tcaattcttg	cgtaaatac	attctgtatt	catacaaaaa	ctttgttttt	180
ctctgacaaa	ctgtacacat	agaaacaaat	ttccaaatgg	acaggaactt	aaatttgtgg	240
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caaaacaaca	tgggagtgtg	ggcaatgagg	gtggacagga	cagggccagc	caggctggta	360
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ggtctgctga	agtcatcggg	gaagtctggg	tgagggccac	gcctatcagg	gggacccttg	1560
cagtctggc	caccccgcaa	aggccccctc	tcgggcccac	gctcaggccc	gccgctctgc	1620
tcattgccgc	tctctgacat	cgggcccattg	tgatgcctcg	tgccaagctt	ggcg	1674

<210> 8245

<211> 3773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (63)...(3776)

<223> similar to gi2522208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8245

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gcaaggagg	caccaagcgc	ggcttccctga	gtaagaagac	ggccgaggcg	agccgctggc	180
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ccagggccgg	cgccgggcag	ggaggcgtcc	gagacgcgct	ggacaagcag	tattacttta	360
ctgttctttt	tggccatgaa	ggtcagaagc	cactggagct	gcgctgtgag	gaggagcagg	420
atggtaaaga	gtggatggag	gccattcacc	aagccagtta	tgcagacatt	tgattgaga	480
gggaagtatt	aatgcagaag	tacattcatc	tagttcagat	cgtagagaca	gaaaaaattg	540
cagctaacca	actccgacat	caacttgaag	atcaagacac	agaaatcgaa	aggcttaaat	600

cagagattat	tgctcttaat	aaaaccaaag	aacgaatgcg	accttaccaa	agcaaccaag	660
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acagaataga	tcatcagcca	aaggctgcac	agtacttgct	tgacaaagac	cttatcatag	3720
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<210> 8246
<211> 2181
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(556)
<223> similar to gi2739365 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gcgggggatct atcaccgctt cacggtggac gagaagaact acacgaaggc catgcggctg      480
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aggcaagagt aagttcctgg gcacagtggc tcatgcctgt aatctcagct actcaggagg     1920
ctaaggtggg aggttctta gagcctggga ggtcgaggct gcagtgagct gtgattgtgg     1980
ccactgcact ccagcctggg tgacagagcg agactctgtc tcaaaaaaga agaaagagta     2040
agagctgagg catataatag aattctgcta aagcacttaa ggtgaaatca catthttctt     2100
tcccaggatg ttgctcacat ctttcgtttt tattgaggtg tcatttatat acaataaaat     2160
gtactcattt tcagtgttaa a                                     2181

```

```

<210> 8247
<211> 3967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(3783)
<223> similar to gi3882339 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8247
gtaattcccc ggtcgacgat ttcgtgacag cagtgaatct gtcagtgaag atgatgagga      60
agaagagaag ggtggcaccc atgtcaatga tgtcttaaag cagcgtgacg cccttgggcg      120
ggtccttgtc aacctaaacc accctccaga ggaggaaaat gtcttccttg cccacagtt      180
ggcacgggct gtgaaacctc atcagattgg cgggatccgg ttcctttacg ataacctagt      240
ggagtctctg gagagggtta agaccagcag tggctttggc tgtattctgg cccacagcat      300
gggtctgggg aaaactttgc aagtgatctc tttcatcgac gtcctcttcc gccacacgcc      360
agccaaaaca gtccttgcca ttgtgccggt taatactctt cagaattggc tggcagagtt      420
caacatgtgg cttccacctc ctgaagccct cccggctgac aacaagcctg aagaagtcca      480
gcctcgggtt tttaaagttc acatcttgaa tgatgagcac aagacgatgg catctcgtgc      540
taaagtgatg gctgattggg tgtcagaggg tggcgtgctg ctgatggggt acgagatgta      600
cagactcctc actctgaaga aatcatttgc cacaggtaga ccgaagaaaa ccaagaagcg      660
ttctcaccca gtcattcatt atctagatga ggaagatcgg cagcaggagt ttcggagaga      720
gtttgagaag gctttatgcc gccctggccc tgatgtagta atctgtgatg agggacaccg      780
catcaaaaaa tgccaggcca gcacctcaca ggctctgaag aatatccgct ctgcgccgcc      840
gggtggtgctg actgggtacc ctctgcaaaa caacctcatt gactactggt gcatggtgga      900
ctttgtgcgc ccagacttcc ttggcacccg gcaggagtcc agcaacatgt ttgaacgcc      960
tatcctgaat gggcaatgta ttgacagcac acctcaggac gtccgcctca tgcggtaccg     1020
gagccatgtc ctgcacagtc ttctggaggg ctttgtgcag aggagaggcc acactgtgct     1080
gaagattcat ctccctgcca aggaagaaaa tgtgatcctt gtgcggctct ccaagatcca     1140
gcgagatttg tatacacagt tcatggatcg cttccgggac tgtggtagca gcggttggct     1200
ggggctgaac ccccttaagg cattctgtgt gtgttgcaag atctggaatc accctgatgt     1260
gctgtatgaa gcccttcaga aggagagctt ggccaatgag caggacctag acgtggaaga     1320
acttggtctc gcagggacca gtgcccgtg tccaccacag ggaacaaaag gcaagggaga     1380
ggatagcacc ttggcttcct cgatgggaga ggcaaccaat agcaagttcc tacagggcgt     1440
tggcttcaac cctttccagg agcgaggcaa caacattgtc acatatgaat gggccaagga     1500
ccttctgact aattaccaga ctggagtcct agaaaactct cccaagatgg tactgctttt     1560
ccacctgatt gaggaaagtg tgaagcttgg ggacaagatc cttgtgttta gccagagtct     1620
ttccaccttg gctctcatcg aggaattcct tggaaaacga gaagtaccct gtccacctgg     1680
taccgagggg caaggagcac agaagtgggt tcgaaacatc agctacttcc ggctagatgg     1740
tagcaccctt gcctttgaga gggagcggct tattaatcag ttcaatgatc ccagcaacct     1800
caccacctgg ctgttccttc tctctacaag ggccggatgc ttgggtgtga atctgattgg     1860
tgccaaccga gtgggtggtg ttgatgcttc ctggaacctt tgccatgatg cccaggcagt     1920
atgtcgggta taccgttatg gccagaaaaa gccctgttac atctatcgcc ttgtggctga     1980
ttacactcta gaaaagaaga tctatgaccg tcagatttcc aagcagggca tgtcagatcg     2040
gggtggtgga gatctaaatc caatgtgaa cttcacacgg aaagaggtgg aaaacctact     2100
gcactttgtt gagaaggagc cagctcccca agtttccttg aacgtaaagg ggatcaagga     2160
gtcagtcctg caactggcct gtctgaagta ccctcacctc atcaccaagg agcctttcga     2220
gcatgagtca ttgctcttga accgaaagga tcacaagcta accaaggctg agaaaaaagc     2280
agcaagaaa agctatgagg aagacaaacg cacatcagtc ccctataccc gcccatcgta     2340
tgcgcagtat taccctgcca gcgatcagag cctgaccagc atccccgcct tcagccagag     2400
aaactggcag ccaactttga aggggtgatga aaagcctgtg gccagtgttc gtcctgtgca     2460

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gtccaccccc	atccccatga	tgccccggca	tgtcccattg	ggaggaagtg	taagctctgc	2520
ctccagcaca	aatccatcca	tgaactttcc	catcaactac	ttgcagcgtg	caggagtcct	2580
tgtgcagaag	gtgggtcacca	cgacagatat	tgttattcct	ggactcaaca	gctccacaga	2640
tgtacaggca	agaattaatg	ctggtgagag	catccacatc	atccgtggga	caaaagggac	2700
gtacatccgt	accagtgatg	gacggatcct	tgtgtccgg	gcaactggca	aaccaaaggt	2760
tcctgaagat	ggtcggatgg	ctgcctcagg	ttcccaggga	ccttcttgcg	agtccacaag	2820
caacggcaga	cacagtgcct	catcacccaa	agcccccgac	cctgaggggc	tggccaggcc	2880
cgtctctcct	gacagcccag	agatcatcag	tgagcttcag	cagtatgcag	atgtggctgc	2940
tgcccgggaa	tcccgtcaga	gctccccaag	caccaatgcc	gccctgcctg	gccccccggc	3000
ccaacttatg	gacagcagtg	ctgttcccgg	gacagctctc	ggaactgagc	ctcgactagg	3060
gggtcattgc	ctcaatagtt	ccctcttggt	gactggccag	ccctgtggtg	acaggcaccc	3120
agtgctggac	ttaaggggccc	acaagcgaaa	gttggccaca	ccacctgctg	cccaggagtc	3180
atcccgcggg	cggtccagga	agggtcacat	gccagccccc	gtgcagccgt	atgaacacgg	3240
gtatccagtc	tctggcgggt	ttgccatgcc	acccgtctcc	ttaaaccata	acctcaccac	3300
cccccttcacc	tcccaggctg	gggagaactc	cctgtttatg	ggcagtaccc	cctcctacta	3360
ccagctgtcc	aatttgctgg	cagatgcccc	cctgggtgtt	ccagtgacta	ctgacctctc	3420
ggtgccagca	ggccccgtca	gttcctcttc	cacggctacc	tcagtcactg	ccagcaaccc	3480
ctccttcacg	ctcaaccctt	ctgtgccagg	gatactaccc	agctattcac	tcccattctc	3540
acagccactc	ctgtccgagc	cgaggatggt	tgcgcctttt	ccttccccctg	tcttgcccag	3600
caacctttcg	cggggcatgt	ctatctatcc	aggctacatg	tccccacatg	caggctaccc	3660
agctggtggc	ctcctacggg	cccagggtgcc	tccatttgac	tctcatgagg	ttgccgaggt	3720
tgggttcagc	tccaatgatg	atgaggataa	agacgatgat	gtgatagagg	tcactgggaa	3780
atagctaggg	agccccctccc	cacctcactt	ggggccccc	gcagggttgcc	caccaagctg	3840
gaaggcagcg	atttagacct	tttgagaata	ggacacttgg	caggagggaa	aaggaagagg	3900
acaaaggagg	gtggttggcc	aaagtggcag	agctctgttg	ctgtttaaca	aaagaggcaa	3960
aaaaaaa						3967

<210> 8248

<211> 1856

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1807)...(950)

<223> similar to gi3646426 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8248

tttttttttt	ttggcagctc	ccggcattta	ttgattgcag	cccccacaga	gcacactgcc	60
cttcccaggt	ggggtgaagc	ccagcgacca	gggaggcaga	ggatgcagca	tccgccccgt	120
cggactcctt	gtcggggaga	aggccctaag	gaggaaccgc	ggcccgctg	ggccattccc	180
ccaggagacc	aagcgggggg	gcccagggtc	ccgagggacg	caggcacaat	ccctgaagac	240
agagaccgcc	tgctggtgag	tggagaggct	ttggcaaaac	taactgttaa	agccactgca	300
gggcaggcag	cggtgcgcgg	gacctcggtg	gccctcgacc	ctcacccaca	atggctccag	360
aacctctctg	ggccactccc	tcccaggcac	tcgcttggtg	tctgcgttgc	ttgttcatcc	420
caccagctg	cggggtctcg	cggggagtgt	cagctgcccc	aggacatgga	aggtctggtt	480
gctctcagca	gacacgaagt	gcagagctag	cacttgggtg	agcaacagcc	aggctgcacc	540
cacactctgc	cacccaagtc	ctcgatggaa	agtgtgggaa	gatgctgctt	tgggcacgg	600
gggcaggagg	cagggataat	acccctcccc	tggcccagga	gaggggagaa	atcagcctct	660

ggtagccct	gttcccctga	ggagctgcca	gcgggagagg	ggcaaggcca	cgcagtgcc	720
agccgggaga	gcctggtagc	cagagcgggg	gtggtgcagc	tacagctgag	aggggacgag	780
gccaggagga	gctcagccag	caggtggggg	gacagcaggg	gcctgctgcg	gaggatgggt	840
ggccacggcc	agggaggtcg	tggccccagg	agcaggtgct	gggcttggga	ctctttggaa	900
gaacctagcg	tgtctggcct	ggcagcccag	ccattcccac	ggctggtcag	gatggcactt	960
tgatgccaaa	gtttttgcgt	agctgttcca	gaaacacaaa	agtgagcacg	gtgtggggga	1020
tgaggcggat	gccagctggg	acgaggccct	tgtaaaaggc	cagaggcccc	agcttcgctg	1080
tctccacggc	gcagtggaaa	acgccctgat	actccccctt	ggagttcatc	aggcgagtct	1140
tcagcacatc	caggggctgg	cacaggaacg	tggcacatcc	acctgcaata	aagctggcga	1200
caaagtgagt	gaagatgttg	tcagagaggt	acccgggtgct	aaggaccagc	tgcttggcct	1260
ggtcgtagca	ggacagctgg	cccacagtga	ctaaggcccc	tcggctggat	gccatggttg	1320
cacccgagaa	cagtcctctg	agaccctctt	cacgagctac	gcggtacagg	ccatccagcg	1380
catggcgta	gttgcgccgc	tgaccctggg	gcagcttcac	gtcgttctgc	atcctgacgt	1440
tgaccaagtc	tgcgggcgctc	cccacgaagc	ctccagctaa	accgctgacg	gagcccagca	1500
acaccttctc	gtggaagggg	agaggccctt	ggctgccctt	ggccacacgg	tccgcacag	1560
tctcgtagat	ggcgaaccga	gtcagggagt	aggtcatctg	tctgcacagc	gaggcgctca	1620
ggccgctgta	gagtgccagg	atgccgtcgg	tacgaccac	ccgcagcgcc	atgcccgctca	1680
tgcgagctt	cacctctgc	tgctctgca	gatgcacctt	gagcaggtcc	agcgggtgcg	1740
tgcagcaggc	ggccccgcag	gaggccagcc	ccccgaagta	ccagcgcgac	acgcgcgcct	1800
cggctgcat	ggcccaggag	agcccaatcc	cggccccgacc	acaacccgac	acgaaa	1856

<210> 8249

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (570)...(416)

<223> similar to gi705389 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8249

ggaattcccc	ggtcgacgat	ttcgtagcga	ggcctctttc	cccctcgctc	ccactcagac	60
cacccccaa	cctggactgg	aagtgtgttg	agcccctggg	tcaggctggc	gagccagctc	120
ggccctgccc	acccaggggt	ttccgagatc	acccctgggtg	aggcggcggtg	ccagtcctt	180
gctttcttac	ttgttctgca	gagcggggag	ctgaggctgc	atgagggaag	actcccgtac	240
cccagcacgg	tggaggggtg	gatgggggtca	cgcctgtgcg	acccaggagg	tggccagcag	300
aaggaaacag	tagtgtccac	catggtctgc	gtctccccac	cacggattgt	cttggctccg	360
gatttgagac	atggcagggc	cagatgagga	caacttgatg	acagtttaca	gagatggagg	420
cagggtgcca	ggaagccacg	ggggagcccc	cagggcactc	agcagtccag	gcagggctgg	480
gcgtcctggc	aaggagcagg	gaccttctgc	ccaggggtgt	ggccagcctg	tgggtgctgt	540
gtgcaggacc	ccaggaacca	aggccgcagt	ctcttccctc	gtccagcat	cctcccaagg	600
ccacccttgg	ctgcactcag	ccagagagct	ggggcacagg	gacccacag	gtttccctgg	660
aggctgtcag	gggctccggt	gggggcgggg	ggtgagcccc	ctgggttcac	tgcac	715



<210> 8250  
 <211> 1051  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (942)...(308)  
 <223> similar to gi5305429 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8250  
 ttttttttca ggcccagccc ttggggcccc tttattgaaa caactcacag cacagtattt 60  
 gagacagaca gtgttgcccg gcggaacccc aggaggctga gaagtcgagg ttgcggcatc 120  
 cctcactgcc ctctgggggg aggcatactc caagcagacc tgagcggccc cgggctgggg 180  
 cgggcgatcc acacacagag gcgataagag cacttggaat cagggcagcc atgcagcact 240  
 gccctaggcg gggatccccc aaagtctgac agtttgggca tcagtggggt ggcagggtgcc 300  
 ccctcagctg cctttatgag cgcgctcttc cacgtaaagc tgcattctta aaatgtccga 360  
 cgatcatggtt tttagtggta tcagccgggg gtcatgcatg tggacatcct gctcatccgc 420  
 caggatccag gggaaatcct tgatgacctg gatcttctcc atgttgcgag tggcggcttc 480  
 tctcgtgtgc accaggactg tgaagggtaca gcctgggggg ttgtgggtcca ggacggcatc 540  
 gcacacgctg atcttcagga tgaaggcccc gagcagctgc tccacatgag acaacagcga 600  
 gtctgagctg atggacagca gtggaggctg ggtgatctca aagacgaatt tctccactgg 660  
 gcggtgctct ttatccaaaa tcaccaccac cactttctcc acatcattct tctccaggag 720  
 tggcttgacg cagtgcagcg tgtcctggat atactgattc agctccgggt ggcaggacat 780  
 ctggaccggc acgttgact tcttgcggtt ctggaagatg cccacggggt agacctcgcg 840  
 cacgtagagg atgagatgca cagccacctc caggaactcg cagagcacat cggccaccac 900  
 ttggccaaag ttgaggtctt gtcgtgtgag cgtggtcatc ctccccgcta cgggctctgc 960  
 gctcgggtcc cgcccagat cgggcccggc cccgccgcgg ggagccaccg accggaccga 1020  
 tcgcgcctcc cgctcaacct ggggcacgaa a 1051

<210> 8251  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (355)...(79)  
 <223> similar to gi441159 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8251  
 ggtgtgtatt cccccctcag tgcgggggga attgtgaaag cgttgataag agtggcactc 60  
 tccagtatta tactttctaag ggcactcttt ctgtttcccc tcaccaggt gagcttcagg 120  
 tagtggcgcc atctccccct cctccttctc ctcttcccc tccttctcct ctctctcctc 180  
 ctgtggctcc gccctgacct cctctgacat tttctgtggt gactcctggg ggcctctggc 240

ttcctcctgc	gggggtgaag	gtctgggtgc	agtgtcgggg	ccctgggagc	tggctggagg	300
tgcactgggt	gcagaagtag	tgggggtggc	cggcagaggg	tttccggagg	gctccagggtg	360
actcctgtac	tgcagccagt	tgcggccgaa	ccgttcccgg	aagctgctca	tgagctccag	420
ctccgggtgc	tgctgcacga	accatccagc	cggagagggg	ttcagagttc	ggggctccgg	480
gtccgtatca	ctgggttcag	agatgcttgc	ccgcctcaca	cggactcggc	tctgaggttg	540
gtggagggag	aagttctgtg	aaagccaagc	ctccagccct	gccatccacg	gctggccatc	600
caaccttgac	cttatgaagc	aggggctggg	tcacaacacc	ccctgaggag	aggctgtcac	660
tcaggtcagg	gccacctgag	gtttcaggag	tactccccac	tggccagggc	aaag	714

<210> 8252

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (582)...(200)

<223> similar to gi4323233 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8252

aatacagggtg	gcattgaggt	gaaataatct	cctggcaatg	ttggagacta	gattgctgaa	60
agagaagtgg	atcttggcat	tttcacctat	gtcagcatct	gtggcatgga	gctgtgtcac	120
tgaagtgcct	acaggagcat	tttctgggtat	actgacttca	atctctgtct	ccttaaagac	180
tgggtgggtg	tcatttgtat	cagtaacact	cacttgcaaa	atagcagtac	tggatctttg	240
aggaaaagcca	ccatcttcaa	cctttacttt	catcacgtag	gtatccttct	cttccctatc	300
taactccttt	tgaacaatca	gttgtggcat	cttgtctcct	cctgggtgtt	caatgacatc	360
gaggccaaaa	atgtttttgac	tcttaattag	ttcgtagttt	tgaactccgt	ttattcctac	420
gtcaggatca	acagccgctg	ggagagtata	tttagagttt	atagccgagt	tctctggaat	480
tgatatgttg	ataactgttg	ctgggaacaa	tgggtgcatta	tcatttatat	cttctatcag	540
aaaacgtatc	ttaaccagtc	taaatatttc	atccggcaaa	atggcaacct	ccacttcata	600
aaagcaatgc	tcaccccttg	ggataccagc	acataatttc	tcacgatcaa	tgcgagcgcc	660
agtagtgaag	atctcaccag	tatcctcttc	aattcgaatc	agtggcacat	ct	712

<210> 8253

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (212)...(561)

<223> similar to gi5059156 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8253
gggcgactcc caggcgcggc ggtacctcac ggtggtgagg gtcacaggga tgcagcactc      60
ccagtagacc aggagctccg ggaggcaggg ccggcccccac gtcctctgcg caccaccctg     120
agttggatcc tctgtgcgcc acccctgagt tggatccagg gctagctgct gttgacctcc     180
ccactcccac gctgccctcc tgcctgcagc catgacgccc ctgctcaccc tgatcctggt      240
ggtcctcatg ggcttacctc tggcccaggc cttggactgc cacgtgtgtg cctacaacgg      300
agacaactgc ttcaacccca tgcgtgccc ggctatggtt gcctactgca tgaccacgcg      360
cacctactac acccccacca ggatgaaggt cagtaagtcc tgcgtgcccc gctgcttcga      420
gactgtgtat gatggctact ccaagcacgc gtccaccacc tctgctgcc agtacgacct      480
ctgcaacggc accggccttg ccaccccggc caccctggcc ctggcccca tcctcctggc      540
caccctttgg ggtctcctct aaagcccccg aggcagaccc actcaagaac aaagctctcg      600
agacacaatg ttacaccgtg ggactcagct gaccctgcct caccctccac actccttgcg      660
acctcatgag ccattgcgcag ggtggttggt ctgttcaaat aaagggacgt gttttccaca      720
ctgaaaaaaa aaa                                     733

```

<210> 8254

<211> 1703

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1704)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1521)...(304)

<223> similar to gi3043694 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8254
tttttttttt ttccaagata gaaaatggat tcaattttta ttaaataatg taaaggattt      60
tctttggcac ttattcacat tctcttgnct ctgagtaaaa aaacgccgcg tttatctgca     120
ttggtagcag agggaaagct actggagcaa acgctaagtg aatgggttcc cgtgccgagg     180
gtgtcctcat tcttgggctc tgtcaggcct ccccttgtct gcaggactgg gacaggccac     240
cctccccagg cctgccctt gccgcgagcg tgtccttcca tacagacaac agccttgctg      300
ggtcacctgg aggagctgcg ctctttgctg acacagtcgt cctgggaggt ggtgtccccg      360
tttcccacca tgcctgcagc cctcctcttc ttcttgcggt gcaactgtccc atcgccctcg      420
gatccagact cgcactctga gtccggagtct gacgaactgg agctggagga gctggaagag      480
tcgctggagc tgcgggaagc tatccctgtg gactcctgaa ggtcaaccga gtctgcgagg      540
actgccaaat cggggtgctc ttgcttcaaa atcctatacc atttccttga taactttggt      600
ctccctctta ccgtcttgtg ccataaccaca gggaagtggg tgctgtctggc aaaattttgg      660
gtgatggcga tagtagtgc gagattgagg acaacatgcc accagcctcc tggtaacaaag      720
acagtctctc ctgggttttg taagatttcc aggggtttga attcaggtgg ccaggttgga      780
agctgtgtcc ggggataaat aacattaaac caggtaatat ctctgtcttg ctgggtccct      840
ccttcgtctc gggtcacttt gatgagttcc ctgggagtgct tggtaggaaa cagggcaccag      900
cgcttggtgg cctgaactaa ggcattccag gcaactggtc ccagaggggtc gatgtgaatc      960

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ccagttccgg	agcgtggtgg	ccccatcaca	aaccacctgt	aagggggcct	gcgcttctcc	1020
ccagcatact	ggaaaagggtc	atcagtga	aactttggca	ccttgtagtc	ttccaaaagt	1080
ttccttcttt	taggggtgttc	accatagctg	ctgtcaaaga	tgtaaagggg	actatcatct	1140
cgagtgtctt	ccatgtactc	gatgtagtat	ttcatcttca	tcttctactga	gtagccatcg	1200
ttatcctcac	cacacttgaa	cttctgggttc	cgatatttcc	tttttagggc	ctccagagtc	1260
catttctcct	gcgcagacca	gccctcttgc	gcattcaaca	aaaccacggg	cttgtaaggt	1320
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ctcttggtg	tattctgcg	gggtcgccag	ctggttccgc	tacgacctcg	gcgcagcccg	1560
cttcctgaca	ctaacgcacc	cctccccggc	ctgggcggcg	gcgacggcag	tacccaaacg	1620
cccttcgctc	agtccccggc	cctttaaaagt	cgccttccaa	aaaattcact	ccccagccac	1680
ctcccgagcc	tcgggttggg	caa				1703

<210> 8255

<211> 1605

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(1092)

<223> similar to gi726373 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8255

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tgcttggtac	cggtcccatc	aacacgctct	cggcaaaatg	ggcggaaca	ttcatggccg	180
agggctgtgg	aggagcaag	gagcacagct	tccagcatcc	cttcctccag	gcagtgggca	240
tgcttctggg	agaattctcc	tgcttggtg	ccttctacct	cctccgatgc	agagctgcag	300
ggcaatcaga	ctccagcgta	gacccccagc	agcccttcaa	ccctcttctt	ttctgcccc	360
cagcgctctg	tgacatgaca	gggaccagcc	tcatgtatgt	ggctctgaac	atgaccagtg	420
cctccagctt	ccagatgctg	cgggggtgcag	tgatcatatt	caactggcctg	ttctcggttg	480
ccttctctgg	ccggaggctg	gtgctgagcc	agtggctggg	catcctagcc	accatcgccg	540
ggctgggtgg	cgtgggcctg	gctgacctcc	tgagcaagca	cgacagtcag	cacaagctca	600
gcgaagtgat	cacaggggac	ctgttgatca	tcatggccca	gatcatcggt	gccatccaga	660
tggtgctaga	ggagaagttc	gtctacaaac	acaatgtgca	cccactgcgg	gcagttggca	720
ctgagggcct	ctttggcttt	gtgatcctct	cctgctgct	ggtgcccattg	tactacatcc	780
ccgcggctc	cttcagcgga	aaccctcgtg	ggacactgga	ggatgcattg	gacgccttct	840
gccagggtgg	ccagcagccg	ctcattgccg	tggcactgct	gggcaacatc	agcagcattg	900
ccttcttcaa	cttcgcaggc	atcagcgctc	ccaaggaact	gagcgccacc	acccgcattg	960
tggtggacag	cttgccgacc	gttgctcatct	gggcaactgag	cctggcactg	ggctggggagg	1020
ccttccatgc	actgcagatc	cttggtctcc	tcatactcct	tataggcact	gccctctaca	1080
atgggctaca	ccgtccgctg	ctgggcccgc	tgtccagggg	ccggcccctg	gcagaggaga	1140
gcgagcagga	gagactgctg	ggtaggcacc	gcactcccat	caatgatgcc	agctgaggtt	1200
ccctggaggc	ttctactgcc	acccgggtgc	tccttctccc	tgagactgag	gccacacagg	1260
ctggtggggc	ccgaatgccc	tatccccaa	gcctcacctc	gtcccctccc	tgagaaccc	1320
ccagggcagc	tgctgccaca	gaagataaac	acacccaagt	cctctttttc	tcactaccac	1380
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tggacccctc	ctacagcact	agagctaaat	catgaagttg	aattgtagga	atttaccacc	1500
gtagtgtatc	tgaatcataa	actagattat	catagttatc	tagtttatga	gtcataagct	1560
agatttgatt	cttcaaagaa	gaaaagtcag	tgagcaaatt	taaaa		1605

<210> 8256  
 <211> 1076  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (761)...(348)  
 <223> similar to gi4929755 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8256	
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aataatccca	gggcaaagag cagtagtgag tgattcttct cttttctcgg gttcactttg 180
acctgaagca	agttgctatc ttcgggagag atgtatggac cccaacagaa tggggcccag 240
gggtcttcat	cccttacaaa tcctggactg tatcaaaggg aaggcctcgg taattcgtgc 300
tcacccagcc	cattcggatc ctggtcctcc ctctcttggg gttcaggggg ttcttagagt 360
tttcttggtc	ccacccaggc atgggggggct agtgtccagc tgagagttct ctctccactg 420
ggcggggggtc	cgtgcctgga tggccagcgc atggaccgga cctgccagct cctcggccag 480
cgctgcgtgg	accagccggt gtcgtttag ggggctcagt ccctcgaaac gagagctcac 540
cacagccacg	cgggaagtga tctcactgcc aggcgggacc gcgtggccac cgctctcgtt 600
gcgaagctct	agcacctcgg ggctcagggc ctctccaac ttcgtgcgaa tggcggcctc 660
caccggaccg	atggccccgg atccccgct gccctggcac aaacaaacgc ggccagccat 720
ggagaccaga	cccaggacca gccgcccact cagcatgggc tacgccagag actcagacgc 780
caggagtga	ggtcggggcg atccgcctgg tgagagcaca atgtcaacac ccgccccgcg 840
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gccttgatgc	cacacgggga gacccgagac accgcccctt ttctctacgt gacgtggtga 960
attcgacctc	cagttgtggt tgggcccgaag cccctgtgtt ccctgtgaag ccccgagac 1020
gccccctcta	cctgccgctc agcctcggcc actgcgattc ccgctcaggg ccagga 1076

<210> 8257  
 <211> 2247  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2181)...(1581)  
 <223> similar to gi213414 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8257
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tcccttataa ccaagattat ccatattttat tgcaaaagca acaatatcaa agaatgcttt 120
aaaaatgcaat taaattttgtt taatatagat aaactataag taataagatt gtttttcatta 180
taatataggt gtcacacatt tctcctggta actaagaaag ataaatgggc agataaaaca 240
taacagtaga agcatctaga atagtaaatt ttattactgg aagtctctcc ctacgaatgg 300
acaaactcaa ccacattcaa cacataagga aaccaggggac aagagaggct ggcattcttc 360
actctacgaa tacttagggc actgactatg tgccaggcac ttgctttgtg ctagggatat 420
aaaattaaac atacaaggta cccgtaccca aggagctcac agccaagata atggatgagt 480
gtcctgaaag cagaaattat cacacagctt aataattatt gtgagaaatg catgctcaag 540
atgcaagggtg caactcatcc aggcttggga gcaactcttg tgaatgagct gacctggaag 600
gagatgcaga agtcagacag agaggttatg aagcagcgtt ctaggaaggc caaagtgcgg 660
gcaagcccag tgcatttaat gaccaaagga gtgacagtac gagggaaact tagtcctggg 720
tttagggagac aatagtctcc tgactccctg ttcagtgcct ttttagaata ctgcctgtgt 780
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gcttacatgg ctctgtgctat gccagtgtag acattaggat tctctaaact gccttgtctca 900
aaatgtttct ttagaggaat aattacttcc tatttttagct tttcatttcc ttctaaatgt 960
ttatatcaat tgggccatgc cataaaattc ttaagtctgg aagggattta agttatcatt 1020
tttttgga ccaagggagt gcagggacag ggtggagtag ggctcagtgg gagcaatgcc 1080
cacctgggtg cagcaataaa gggggcattc tctgcaggga atttaagaat taataataaa 1140
attgaccaa atcactctgc tttttattat cactaattct gaataatgtc aacaataaat 1200
acttgctgcc aaggcaaact tctcttactg acccttcctt atgtgcatgg cactgcatta 1260
tgtgtatacc cgtgcatgca gaaaaccagc cctgaacagg cattagaaat acccaaagtg 1320
tccatattag ccatctagtc agttcatatg gccacaccct cgccattcaa ttttcttctg 1380
taaacagagc ttgagtagtc aaaatcagac acatcaaacc cccacatcaa tgtgcatctt 1440
cctaaaatta tattttctctc caattagcat tcacatcttg actagtctca tatccatctc 1500
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cctggcacgg gcgcggggct cccaccgccc ccaggctgca caggccgcac aggggtccagg 2160
cccagaggcc gccagcagc caggcaccca gggcgcccg gacgggtgcgg aggggagcgc 2220
gataaagaaa tcgcggtcag ccttccc 2247

```

<210> 8258

<211> 4177

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3922)...(1926)

<223> similar to gi3327138 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8258

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taatagccac	gataaaacttt	gttagaaaatg	tacatgttgc	caaaataata	ataataaaat	180
taaaaaaaaag	agagagagag	aacagcttga	tgtccagggt	agattatata	aatgttcaac	240
aagggcaggg	taaaggaaac	tttaaaaaaca	ccagttctga	ataagcctgg	ggccccgtga	300
gactccccct	ctcccaccca	gtctcggggc	ctagggactg	cgcccccca	aacaggacaa	360
gtgggagtgg	ataaggcctc	caccaagctg	cctctcccag	tggacaaaaa	catccaggta	420
atgggtatat	aaacaaaagct	cataagaaat	gtacaaaatat	aaaaagctac	aaacattaat	480
aaattacagc	atcacaaaac	acggaaaacac	ttcacaaaggt	gctagtataaa	taactgtatc	540
ccccaatccc	ctcatcatat	aaggaaaaaca	aagagctggg	attaaagtgt	aagattcatc	600
ttcaaaatgt	gtctgaaata	gatcttttgt	gtactatttg	cttctgtaaa	gacagagtgt	660
aaggctgcac	agacatcact	tgtttttcag	gcaatacctt	agttcttaaa	agaaaaaaat	720
aataataata	aaaggaaaag	agaaggaaaa	agcatcagaa	cccaactgtc	catctgactc	780
agcaaaaaac	tctgtataaat	gttaatgaag	aactctatag	aaagaaattc	ctaaagatac	840
ttttactctt	ataaaaaaga	agttatttaa	aaagctattt	acacgtaca	ttctatgaaa	900
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cgctgacacg	ggagaacaga	gaagtgccga	ccgtaagtcc	tcgggcccgc	tggccactgt	1080
ccctgccccct	gccccctgcc	tgccagtcct	agggcagggg	tgccctgggt	gagaagtgtc	1140
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ccagacccca	agatgtgggt	gagcccttgc	cctttcctgg	ggaccccaca	atggctcccc	1260
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gtgacacact	cacacctgcg	acatgccatg	agtcacttgc	tctcccccaag	gctcttctgt	4140
cctaccccag	cacagcggct	gagggctcat	ccaggaa			4177

<210> 8259

<211> 946

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (84)...(547)

<223> similar to gi31140 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8259

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cccagcaccg	ggaccctctc	catttctacc	cctgggtcct	gcggaaccgc	ttcttcggcc	180
accgcttcca	ggccagcgac	gtgccccagg	acgggctgct	tctgcacggc	cccttcgcac	240
gcaagcccaa	gcggatccgc	acggccttct	cgccctcgca	gctgctgcgg	ctggagcgcg	300
ccttcgagaa	gaaccactac	gtggtgggcg	ccgagcggaa	gcagctggcc	ggcagtctca	360
gcctctccga	gacgcagggt	aaggtgtggt	tccagaaccg	gaggacaaag	tacaaacggc	420
agaagctgga	ggaggaaggg	cctgagtcgg	agcagaagga	gaagggtccc	catcacatca	480
accggtggcg	cattgccacg	aagcaggcca	atggggagga	catcgatgtc	acctccaatg	540
actaggggtg	gcaaccacaa	acccacgagg	gcagagtgtc	gcttgtgtgt	ggccaggccc	600
ctgcgtgggc	ccaagctgga	ctctggccac	tccttgggca	ggcttggggg	aggcctggag	660
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tggtcagggc	ctgggaccac	ttggccttct	cctcggagag	cctgcctgcc	tgggcggggc	780
cgcccgccac	cgagcctcc	cagctgtctc	ccgtgtctcc	aacctccctt	ttgttttgat	840
gcatttctgt	tttaatttat	tttccaggca	ccactgtagt	ttagtgatcc	ccagtgtccc	900
ccttccttat	gggaataata	aaagtctctc	tcttaatgac	acgggc		946



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<210> 8260
<211> 2224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1640)...(415)
<223> similar to gil63449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

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cttgactgc agaggaggca gacacagctg ggaaggaaca ggatttatgt tgcatacttg      180
aactacagcg agtgaagac tggtcctatt tacaggggcag aaacactgca ggtggagcgc      240
gggggtggca ggggtgggcac cagagtcctg gccaaaggta cccttgcctg ccatcttccc      300
cacctctccc agatgcatct ctgaggcccc gctgggattc tccgggggga acgaggacca      360
ctcacatgat gctcgctggg gtgaagacag ggcccacgca cagggtgtct gtgatctccc      420
agccgcagga cagaggcttg cacacaccct ccacgtcatc ctctgttct gcagccatca      480
gctgccttcg cagcgcttcc caggccaccc gggacatggc atagggtgat tggcaggcct      540
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gccagtcccc tacgtgtagt tgcggcagcc acaggccctc agccacgcaa tcacagccat      660
caaccgccgg gcccacaggg ctgctgctgt acaggggctg ctccgtggat ggtttcttct      720
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cctcatcaag gtggtacacg atggtcttgg aggtggaacc attttcctcc tcctgcccag      840
gctggtctag cagaacctcc ttcttggcaa tgatgctgac tgccacagtg aaggccgagg      900
tcacgtagta gcgccccagc tcagcaaaga tgtcccagcc acagccctct gggaagtaca      960
ggtccaaggc tgagttgatc acggaagcaa tctcttcaaa tctcactttg gccccttctg     1020
tgccagggaa gccaccacca aggtccagaa cgtgcatctt gtgaccagc tcggtgccca     1080
tttcaaacac gagccgggcg tctgcgatgg actgagcata ggctgaggg tcaggacagc     1140
cactgccaat gtgaaaactc acaccacca cctccacatg gtgcttcttc gcattttcaa     1200
gcagggtgtc gcaggatttc agtgacactc caaactttag gctcaggcag ctcaggaggat     1260
gggagtcacg ggtagcaatg cacagaacca tcttggcact ggggtggctc tttaccacct     1320
ttgccagctc catctcattg tcaaagctca gcagctggat cccatgcttg gcagcatatt     1380
tgatctgtgc aatttgctta caggggttgg cgcagatgat cttactggca gggattccaa     1440
tatgctggac caactccatc tctgccttgt tggcacagct aaagcccagc cccagctggg     1500
ccagaacctt cagcacacct gggctgctgt tgcactgac agcataaaaag ggccggactc     1560
gtggcaggca cttcagaaag caaaagtgtc tcctcactat ggcacccagg tcagccacga     1620
agaaggcagc tacctcgtca agtccattca gcagatgtta gatggcagtt tctacaaggt     1680
gcaatgcagg ggcattggaga aagaaaatag aaaatctgcc tggggcgatc aggaaaggca     1740
aactgatga gaagcaagga atgacgtggg ggctgtgag gccccagag tgagttcctt     1800
cagcaggctc cgggtactga agccctctc caccatcaca aagtccgatt cactcaggta     1860
gccagccatg ccttgcaagg ggagctgacg ggctggatgg agccgctgct gcagccgccg     1920
ccttagaaaag tatgcaacac acaaactccg tcctccttcg cggggggccag agccaggcgc     1980
gctgttaggg ggggtcgccg gtgacctcga aacttgtgca acaccccgag gaggagtggc     2040
agttgcggag ccgaggcctc tgcttaaaac gcatttacac ggcttcggcc cataggtctc     2100
cccaggggagt gaatcggatc ctcggcgcct ccgctctctc gcttccccgg gctcgggtcc     2160
cgcggcctgc gccccgccag cccagcagac gaaatcgctc acccggtgaac tcaagagcgg     2220
tcgc                                           2224

```

```

<210> 8261
<211> 1577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(922)
<223> similar to gil79967 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8261
cgtaccacgc gttggtggaat tccaccgagc agggaggttg cgcacgtccg ggtgtgagtc      60
gtgggagccc gtttcttttt tccatcctcc tgggctgacg cggaagagag gtccttcacg      120
ctgcctcagt tgccttagga ctcacagaaa gggagaagag gcagaaggcc cctcgcattg      180
gcacaagctg tatcccattg cccagggaga tcgccaatca cccatcaata tcatctccag      240
ccaggctgtg tactctccca gcttgcaacc actggagctt tcctatgagg cctgcatgtc      300
cctcagcatc accaacaatg gccactctgt ccaggtagac ttcaatgaca gcgatgaccg      360
aaccgtggtg actggggggc ccctggaagg gccctaccgc ctcaagcagt ttcacttcca      420
ctggggcaag aagcacgatg tgggttctga gcacacggtg gacggcaagt ccttccccag      480
cgagctgcat ctggttcact ggaatgccaa gaagtacagc acttttgggg aggcggcctc      540
agcacctgat ggcctggctg tggttggtgt ttttttggag acaggagacg agcaccaccag      600
catgaatcgt ctgacagatg cgctctacat ggtccggttc aagggcacca aagcccagtt      660
cagctgcttc aaccccaagt gcctcctgcc tgccagccgg cactactgga cctaccgggg      720
ctctctgacg actccccac tcaagtgaag tgtcacctgg attgtgctcc gggagcccat      780
ctgcatctct gaaaggcaga tggggaagtt ccggagcctg ctttttacct cggaggacga      840
tgagaggatc cacatggtga acaacttccg gccaccacag ccactgaagg gccgcgtggt      900
aaaggcctcc ttccgggect gagctgccc tctgcctagc cggccactag ggcaccatct      960
tctcaagggc ttccatgtca gcagacacca aaccatctga ggcttcctcc ctggggggtg     1020
ctggggaccc tccttcagcc agtttgctcc ttgggtaccc tggaggcttc tggatgggac     1080
ccttgagtct ggggcaccct tcagctgccc tgggacagga aggacaggag ctaagcaggg     1140
tccaagcctg gggctgcctc tgctctccaa gacccaaaga ccctgggaac ctctctggt     1200
cttccccact ggcagtggca gcagccccac cccgagcgca cactgtgatg gaggagactg     1260
agctccctgg ggcgggcagc tgacactacc agagagactc aagcaataat tagagggtggg     1320
cagagctgcc ctctcgcat tacctcttct gcaggctctg ccatgcacgc acctcactgc     1380
caggccatta aaatcagcac ccagcatgct ggaggtgacg tggccttctc cctccagcca     1440
cctgctgcca cgggcaggcc ctggctatag cttatacagt atctcccctt gtccccaccc     1500
agtcaccaaa gccacctaca tgacagtcca tcctgttga attaataaat taatgtatcc     1560
atgcaacaaa aaaaaaa                                1577

```

```

<210> 8262
<211> 661
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (100)...(398)

<223> similar to gi2062678 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8262

```
ctgcactcca agtatctagc tcctgcacta tgctctcagc cagggatgat gcgctgctgc      60
cgccgcccgt gctgctgccc gcaaccaccc catgccctga ggccgttgct gttgctgccc      120
ctcgtccttt tacctcccct ggcagcagct gcagcgggcc caaacccgat tgacaccata      180
taccagggct tcgccgagtg tctcatccgc ttgggggaca gcatggggcc cggagggcag      240
ctggagacca tctgcaggtc ttggaatgac ttccatgcct gtgcctctca ggtcctgtca      300
ggctgtccgg aggaggcagc tgcagtgtgg gaatcactac agcaagaagc tcgccaggcc      360
ccccgtccga ataacttgca cactctgtgc ggtgccccgg tgcattgttc ggagcgcggc      420
acaggctccg aaaccaacca ggagacgctg cgggctacag cgccctgact ccccatggcc      480
cctgcgcccc cactgctggc ggctgctctg gctctggcct acctcctgag gcctctggcc      540
tagcttgttg gggtgggtag cagcggccgt acctccagcc ctgctctggc ggtggtgtgc      600
caggctctgc agagcgcagc agggcttttc attaaaggta tttatatttg taaaaaaaaa      660
a                                                                                   661
```

<210> 8263

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (550)...(191)

<223> similar to gi2634964 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8263

```
tttttttttt ttgaaggaaa taagaggagg ttccccctcgt acgttcattc tgtttattta      60
tttgtgtgcg caccgggctc cccgcagcct ccacccctcc cgcgtcccgc tttcagaaag      120
gaacgcggcc ctcagctccc tccggaagag gccccggggt caggggctgc agccgggtcc      180
ccgtgcgtcg gccagctcg tccagcaccg ctttctcctt ctggaacatc tgctgccact      240
ctgcctccgt gccgtgtgtg aatcccagca agtgacagag tccgtgggtg gccgtcacag      300
tcaggacgtc attgtaatct tcattttctt tacactgatg gaagatatac tccactccta      360
ggaaaatgtc tcccaaattg tagtcatctg gaaaatcagg ctgggggaaat tcacctgctt      420
tcagatgtc atgaaatgga aaagaaagca catcggttg gacatttcta tctctgtaga      480
ttctattaat gtgctgaata ttcttgttgt caacacagat gatccccagg tcaaatttct      540
gcactcctaa aatcctcctt acaatctcga tcttactgcg aagtggcgct ctctgatgg      600
ggatgactcg ctgcagattt ctaatcacca aactcatttc aggaagaata accagccctt      660
taaaaatgtt tgcaacggaa ccggtgtctg gaccagcaa aggacgcgaa gctggc      716
```

```

<210> 8264
<211> 1389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1053)...(849)
<223> similar to gil89772 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8264
agccagtgcg tgcaaaccac accgctgtgt tccgctgggt ctctgggcat gcagtttgct      60
cccactgcgg gaatgggggt ggggcaggcc gagcctgggc tctgggggct ttgctggggg      120
agcttctggt cctgggggta cccacttggt agggagtggg gggacagctg gaatagcggt      180
gctcagtgcg tcctttgggc gctgttgggg acaccctccc tcgctctccc acaccactgg      240
caccaggccc cggacacccg ctctgctgca ggagaatggc tactcatcac acgctgtgga      300
tggaactggc cctgctgggg gtgctgggag acctgcaggc agcaccggag gccaggtct      360
ccgtgcagcc caacttccag caggacaagt tctgggggag ctgggttcagc gggggcctcg      420
cctccaactc gagctggctc cgggagaaga aggcggcggt gtccatgtgc aagtctgtgg      480
tggtccctgc cacggatggt ggctcaacc tgacctccac cttcctcagg aaaaaccagt      540
gtgagaccgc aacctatgct ctgcagcccg cgggggtccct cggctcctac agctaccgga      600
gtccccactg gggcagcacc tactccgtgt cagtgggtgga gaccgactac gaccagtacg      660
cgctgctgta cagccagggg agcaaggggc ctggcgagga cttccgcatg gccaccctct      720
acagccgaac ccagaccccc agggctgagt taaaggagaa attcaccgcc ttctgcaagg      780
cccagggtct cacagaggat accattgtct tctgccccca aaccgataag tgcattgacg      840
aacaatagga ctccccaggg ctgaagctgg gatcccgccc agccagggtga ccccccacgt      900
ctggatgtct ctgctctgtt cttccccga gcccctgccc cggctccccg ccaaagcacc      960
cctgcccact cgggcttcat cctgcacaat aaactcggtg tgccacacca ctggcaccag     1020
gcccgggaca cccattctcc tgcagcagga gaatggctac tcatcacacg ctgtggatgg     1080
gactggccct cttgggggtg ctgggcgacc tgcaggcagc accggaggcc caggtctccg     1140
tgcagcccaa cttccagcag gacaagttcc tggggcgctg gttcagcgcg ggctcgcct     1200
ccaactcgag ctggctccgg gagaagaagg cggcggtgtc catgtgcaag tctgtggtgg     1260
ccctgccac ggatggtggc ctcaacctga cctccacctt cctcaggaaa aaccagtgtg     1320
agaccgaac catgctgctg cagcccgcgg ggtccctcgg ctctacagc taccggagtc     1380
cccactggg

```

```

<210> 8265
<211> 1803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (136)...(1561)
<223> similar to gi5902181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8265
ggcctacgag tgcggcgcg cctgaagggg cacgcggggg acctgcaaag ctagtgaggg 60
gcggggcagg cggcgcggtg ggggcggggc gagcccggag gccagatgag cggacacagc 120
cccacgcgcg gggccatgca ggtggccatg aacggtaagg cccgcaaaga ggcggtgcag 180
actgcggcta aggaactcct caagttcgtg aaccggagtc cctctccttt ccatgctgtg 240
gctgaatgcc gcaaccgcct tctccaggct ggcttcagtg aactcaagga gactgagaaa 300
tggaatatta agcccagag caagtacttc atgaccagga actcctccac catcatagct 360
tttgctgtag ggggccagta cgttcctggc aatggcttca gcctcatcgg gggccacacg 420
gacagcccct gcctccgggt gaaacgtcgg tctcgccgca gccagggtggg cttccagcaa 480
gtcgggtgtg agacctatgg tgggtggatc tggagcacct ggtttgaccg tgacctgact 540
ctggctggac gcgtcattgt caagtgcctt acctcaggtc ggctggagca gcagctggtg 600
cacgtggagc ggcccattct tcgcatccca cacctggcca tccatctgca gcgaaatatc 660
aacgagaact ttggggccaa cacagagatg catctagtcc ccattcttgc cacagccatc 720
caggaggagc tggagaaggg gactcctgag ccagggcctc tcaatgctgt ggatgagcgg 780
caccattcgg tcctcatgtc cctgctctgt gcccattctg ggctgagccc caaggacata 840
gtggagatgg agctctgcct tgcagacacc cagcctgcgg tcttggtggg tgcctatgat 900
gagttcatct ttgctcctcg gctggacaat ctgcacagct gcttctgtgc cctgcaggcc 960
ttgatagatt cctgtgcagg ccctggctcc ctggccacag agcctcacgt gcgcatgggtc 1020
acactctatg acaacgaaga ggtggggtct gagagtgcac agggagcaca gtcactgctg 1080
acagagctgg tgctgcggcg gatctcagcc tcgtgccagc acccgacagc cttcgaggaa 1140
gccataccca agtccttcat gatcagcgca gacatggccc atgctgtgca tcccaactac 1200
ctggacaagc atgaggagaa ccaccggcct ttattccaca agggccccgt gatcaagggtg 1260
aacagcaagc aacgctatgc ttcaaacgcg gtgtcagagg ccctgatccg agagggtggc 1320
aacaagtca aggtccccct gcaggatctc atgggtccgga atgacacccc ctgtggaacc 1380
accattggac ctatcttggc ttctcggctg gggctgcggg tgctggattt aggcagcccc 1440
caactggcca tgcactctat cggggagatg gcctgcacca caggagtcct ccagaccctc 1500
accctcttca agggcttctt tgagctgttc ccttctctaa gccataatct cttagtggat 1560
tgagccctct tggaaagact tctctgccat ccctttgcac ctgagagggg aagttctcag 1620
ctgagctgaa gctggattat taaagtggat tgtcactcag actctccgtg ctacgcttat 1680
ttggagacta gaggagtggg agttgagcct ggcttgaacc tttggaacca gaaaagttag 1740
ggagcaggtg gaggaggcca cactcctggg agctgatggt tttaaatctg gttttaaatc 1800
tca
1803

```

<210> 8266

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (122)...(970)

<223> similar to gi940379 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8266
cccacgcgtc cggtcttctcc gcccagaccg ttgcgggagc tgccgggggc tccttagcac 60
ccgggcgcgg gggccctcgc ccttcgcag ccttactcc agccctctgc tcccgcacgc 120
catgaagtgc ccgttctacc gctgccagaa caccacctct gtggaaaaag gcaactcggc 180
ggtgatgggc ggggtgctct tcagcaccgg cctcctgggc aacctgctgg ccctggggct 240

```

gctggcgcg	tcggggctgg	ggtggtgctc	gcggcggtcca	ctgcgccccg	tgcctcgggt	300
cttctacatg	ctggtgtgtg	gcctgacggg	caccgacttg	ctgggcaagt	gcctcctaag	360
cccgggtggtg	ctggctgcct	acgctcagaa	ccggagtctg	cgggtgcttg	cgccccgatt	420
ggacaactcg	ttgtgccaa	ccttcgcctt	cttcattgtcc	ttctttgggc	tctcctcgac	480
actgcaactc	ctggccatgg	cactggagtg	ctggctctcc	ctagggcacc	ctttcttcta	540
ccgacggcac	atcaccttgc	gcctggggcg	actggtggcc	ccggtggtga	gcgccttctc	600
cctggctttc	tgcgcgtac	ctttcatggg	cttcgggaag	ttcgtgcagt	actgccccgg	660
cacctgggtg	tttatccaga	tgggtccacga	ggagggtcgt	ctgtcgggtg	tggggtactc	720
tgtgctctac	tccagcctca	tggcgctgct	ggtcctcgcc	accgtgctgt	gcaacctcgg	780
cgccatgcgc	aacctctatg	cgatgcaccg	gcggctgcag	cggcaccgcg	gctcctgcac	840
cagggactgt	gccgagccgc	gcgcggacgg	gagggaaagc	tcccctcagc	ccctggagga	900
gctggatcac	ctcctgctgc	tggcgctgat	gaccgtgctc	ttcactatgt	gttctctgcc	960
cgtaatttat	cgcgcttact	atggagcatt	taaggatgtc	aaggagaaaa	acaggacctc	1020
tgaagaagca	gaagacctcc	gagccttgcg	atttctatct	gtgatttcaa	ttgtggaccc	1080
ttggattttt	atcattttca	gatctccagt	atttcgggata	ttttttcaca	agattttcat	1140
tagacctctt	aggtacagga	gccgggtgcag	caattccact	aacatgggaat	ccagtctgtg	1200
acagtgtttt	tcactctgtg	gtaagctgag	gaatatgtca	cattttcagc	ggc	1253

<210> 8267

<211> 1315

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (456)...(964)

<223> similar to gi2760317 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8267

gtgcttgaag	ggagtgttcc	gtcgtttccg	ttgccggctg	tttgcaagtgg	ggaaaccgag	60
gcagctcctg	ctccccctag	ttcttccgct	cctgtgagga	aaaaaaaaatg	tttattttctt	120
tgtgggagtt	cttctatggg	cacttttttc	gattttggat	gaaatggcta	ttacgacaga	180
tgactgggaa	gtgtgaattg	cagcgaatat	ttgataccta	tgtaggtgca	caaaggacac	240
acaggataga	aaattccttg	acatactcca	agaataaggt	tttacagaag	gcgacacatg	300
ttgttcagag	tgaagtggac	aaatatgtag	atgatattat	gaaggaaaag	aatattaacc	360
ctgagaagga	tgccagtttt	aaaatatgca	tgaagatgtg	cttactgcag	ataactgggt	420
ataaacagct	gtattttggat	gtagaaagtg	tgaggaaaag	gccatatgat	tctgataacc	480
tacagcatga	agagctactc	atgaagcttt	ggaatcttct	aatgcccacg	aagaagttaa	540
acgctagaat	ctccaagcag	tgggctgaaa	ttggttttca	gggtgatgat	cccaagacag	600
acttcagagg	catgggcata	cttgggttaa	tcaatcttgt	gtattttcagt	gaaaattaca	660
ctagtgaagc	tcatcagatt	ctttcccggt	caaatcatcc	aaaattaggg	tattcttatg	720
caatagttag	aatcaatctt	acagagatgg	cttatagctt	actgaagagt	gaagctttga	780
agtttcatct	ctataacctt	gttccctggt	taccaacaat	ggaacacttt	catcagtttt	840
actgttatct	tgtctatgaa	tttgacaagt	tttggtttga	agaagaacca	gaaagcatta	900
tgtatttcaa	tttgtataga	gagaagtttc	atgaaaagat	taaaggactt	ttactggatt	960
gtaattgtagc	acttacttta	aaagtataaa	tcattccactg	tatcttctat	ttctaccaca	1020
ttttgcacat	tcaacagaat	ttatatgttg	taataggaat	tatctgatca	attacactct	1080
tatatataat	ttcctacaaa	aatatttcag	aaattctatt	taagaaagct	agtggaacaat	1140
cagtgtatgt	ttacaattgt	ttatacactg	ttctccaaag	gtaccttatc	cttccaaaga	1200

```
tccccctctgt agagtcatgc gaactacagt ttggaacttg ggacttagcc cgttggtgta 1260
aaagtataaa tcaggtatctt gtattaaatt gattaaaatg tgtaaaatca aaaaa 1315
```

```
<210> 8268
<211> 488
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (71)...(184)
<223> similar to gi312070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8268
tttcgtctcc cggctctcgg tccgggacgt gcgcttcccc acgtttcttg ggggccacgg 60
cgcggaacgcc atgcacacgg accctgacta ctcggtgcc tatgtcccca tagaaactga 120
tgcagaagat ggaatcaagg ggtgtggaat taccttcact ctgggaaaag gcactgaagt 180
tggtagattg aagattctct cgaggttcca gaatgcttaa ttttcagatg agattctaatt 240
ttagattctt agattcatta gaatcttgat ttaaattgag ttctgatctt gtttttatct 300
gtatttacac tgctcaaagt gagtaaaaac agtgtttcat ggggtgttac ttgtttcact 360
gggagaaaatt taaaagtac agaatttggc ctctctcctt gcaatcatat ctagecctgtt 420
agaaaatcct tggctgttag accgtttctc tgtgtcaaat gaccgctaca agggtgcttt 480
tcacctgc 488
```

```
<210> 8269
<211> 977
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (829)...(146)
<223> similar to gi3893157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8269
tttttttttt ttcacgttaa aaaaagtttt atttagggag ctccagggaa tgcggtggga 60
aaggagaggt gcagtgtcat tgccgccttc tcctccacc tagtgatta atagtggatg 120
ggagcatctg acagaagtga gatcaggcag tgggtgtctg caccacacag cgcattgttg 180
ctggaacacg aaagtctatc tgctgaggtt taggcaagtt cagggtgccc atgattttga 240
caaaactctc acagctgagg gtgagccgag ggttcagagt cctctcctcc tccacgggtg 300
aactgtgaa cccatggtaa tcgtgagcag ggtagatcag acagtctcct ggaagtgtga 360
```

agatcttttc	atggaccgag	tgggtacaagg	tcttggcaca	gccttgctgg	aagtctgtcc	420
gcccacaccc	acggatcaac	agggcatctc	cagtgaaggc	catgctgtgg	tcattcagga	480
cgaaggtgac	acagcctggg	gtgtggccag	ggctggccct	ggtctccaac	gcgaagcgcc	540
cgaagcggat	ggagtctcca	tcctcaatgt	gtaagtcagc	ctggggccca	ctaaggcggg	600
agatgacaga	ctggcagcca	gggaggagg	aacggagcag	ccccgagcct	gtaatgtggt	660
ccgcgtggca	gtgggtattc	acagcataga	gcagccgcag	ccccagctcc	ttgatcagct	720
gggcatcccc	aggcgtgtt	tccaggactg	ggtcgatcag	aacggcctcc	cgggactctc	780
tgtcaccacg	caggtacgtg	aaggtgcagc	tcacaggctc	gaacatctgc	cgcaggagga	840
tgggggctcc	agacccgccg	cgctggctca	gctgccgccg	ggcgaccctc	agtacagcct	900
ccgccatcgc	gcccactgcg	gggtcaggaa	tgagcggagg	ccgagcgtct	gcaggagccg	960
ggcgctacgg	cactagg					977

<210> 8270

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (598)...(1239)

<223> similar to gil574372 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8270

ggtgtgagtg	tgtgggagtg	agagtgtgtg	ggagtggggg	gagggagaag	ctgacgggac	60
gcgaggctgt	gagaaactgg	gcgagtgtgc	gaggacgccc	ggccagcctg	cgggagccgc	120
agtcggcgga	ggagaaagga	ggcggtccc	ggatcccga	ccccctccc	ctcctcttct	180
tccccactt	ccagccgccc	ggcggtccgc	gctttctcga	aggccccagc	ccgggtcagt	240
cggccgagag	cgaggaggga	gccccccgac	ccaggtagac	gttacatcca	agaggaaata	300
atccaggcaa	ggaagcacia	gctgatcaag	atgtgtagtt	ctgtggctgc	caagttgttg	360
tttttgacag	atcgtcgc	cagggaagac	tatctcaaa	aagagatttt	acgagcattg	420
aaggccaaat	gttgtgagga	ggaactggac	tttagggctg	tgggtgatgga	tgagggtggtg	480
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ccacaagtgg	tggtagtcag	agtaccaacc	ccttgggtgc	aaagtgatag	tgacatcact	600
gttttgcgcc	atctagagaa	gatgggatgt	cggttaatga	accgacctca	agccatcctg	660
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gatactttct	cttatggtgg	ccacgaaaat	tttgctaaaa	tgattgatga	ggctgaagtt	780
ctggagttcc	caatggtagt	aaagaatacg	cgggggcaca	gaggtaaagc	tgttttcttg	840
gctcgagata	agcaccattt	ggctgatcta	agccatctta	ttcgccatga	agcgccatac	900
ctgttccaga	agtatgttaa	agagtctcat	ggacgggatg	tacgtgtcat	tgctgtggga	960
ggcgtgtgtg	ttggcaccat	gttacgttgt	tcaacagatg	ggagaatgca	aagcaactgc	1020
tcattaggtg	gtgtggggat	gatgtgctca	ttgagtgaac	aaggggaagca	gctagctatc	1080
caggtgtcta	atatcctggg	gatggatgtg	tgtggcattg	acctgctgat	gaaagatgac	1140
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taattaacca	acaaaacctt	tgtaaaactt	tctttcttct	tttctatttt	taaaaccaac	1560



ttgcaatgct	gttcatggag	gatgctcagg	aagatgagag	aaaattacta	cgattagtgtg	1620
gagagagtgg	gagatagatg	agacctctgc	tagtaagatg	ttacttttcat	ttacaaatcc	1680
tacaaataga	gaggcagaat	aggtggggta	tagaaaaatg	tcaggctctc	atagttaccc	1740
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ttcatgggtcc	cttgcttttg	tttttgtag				1829

<210> 8271

<211> 1644

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (167)...(617)

<223> similar to gi557673 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8271

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gccccctctg	tgcagccacc	tgctgtccc	atacgcccc	cccaccatgg	agtccagagg	180
gaagtacagc	agcagcccca	agcccgacac	caaggtgccc	caggtcacca	ccgaggccaa	240
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ggccgagaag	cagcagccgc	cagcagcccc	caccacggca	cctgccaa	agacctcggc	360
caaggccgac	cctgcccctc	tcaacaacca	cagcaacctg	aagccagccc	ccacgggtccc	420
cagcagtc	gatgcaaccc	cgagcccaa	gggtcctggg	gacggggcgg	aggaagatga	480
ggctgccagt	ggggggcctg	ggggccgagg	tccctggtcc	tgtgagaact	tcaaccccct	540
gctgggtggc	gggggtgtgg	ccgtggcagc	catagccctg	attctcgggt	tggccttcct	600
ggtccggaaa	aaataatacc	tgggggcccag	gcgggggggca	cgagccact	tcctgtacag	660
acccgaggaa	gccagtgcac	gcagagttca	cccttaccta	ttcgtacaca	cgcacattca	720
ttacacacct	acatatgccc	ccaacacacg	cgcacgggtg	agaggacgcc	cgagcccacc	780
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caggtggggg	tgccgggatg	ggttgggcct	gggcccggcc	ctcgtgggga	cattaaagg	1020
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cgaatgcagt	gggacggacc	tgggggtggg	actcacctca	gcagagcctc	aatgccacct	1140
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ccccctccag	cttgaccccc	agcaccacc	tgagtctaac	cagcgtataa	tgcaataaca	1380
ggtagagtag	aactgctttt	ggcggcgacc	gtcacacact	gtcctcagcc	cactgcaccc	1440
tggggaaacc	cctcgtgcag	ccccctccta	gcacatccag	tcccagcgtg	gcccttggcg	1500
cgcagcagca	ggcgaactcc	cagaagggtg	tggtgggcac	tgtgagaacg	tggcctgccc	1560
tgcaactggc	cagtggccac	aggaaccccc	ggcctgagtg	gaggctgagt	ctgaaataaa	1620
ctctgtcgtc	tgaaaaaaaa	aaaa				1644

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<210> 8272
<211> 2293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2249)...(922)
<223> similar to gi5281517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8272
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cacccccggc tcagggcccc gaggggggtcc tggaaacact cacgctcaag gagcggaggt     180
gaatggcttc ctgttctcac ctccgggtcc aggcactggg ggtgaggaag tggctgggag     240
gccaggaagc tggaggaggg gaggtgctgg ggcccagggc tgtgcgggag gggatgggat     300
cctgtgggta ccttggcccc tgtgccaggg tcgggggaac gtgacactag gtgagaattg     360
ggtagaaagt gtgtgtgaaa gggcatgcgt gcatgtgatg ttggtgccat atctataggt     420
gtcgttgtca tgggtgtgtg tgtcactgtg tctgtgtgtg acatcatcac cgtctgtgtg     480
atgccatcgc cgcgtctgtg tgacattaat atgtgtgacg tcgacatggc ccgtgacgtc     540
gttgctgcat ctcggtgtga cgtcatgcca agttcccatc gtctgtgtgc gacgtgctgc     600
atctgcacga cgccatcgtc atatctcttc gtgacgtcta catggccacg tgacgccatc     660
accacggtga tatgtgacgt cagcgccggt gcttgctgta cgtcatctcc gcggccgtgt     720
gctctgggtg agggatcgtg aggcgcgggt gcgggtgtga gagggtaacta ggggtttgca     780
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tgcaggtgtc cagggctgag tttctgatgg ccagctccat cctgagctgc tccgcctccc    1140
tcttcttctc ttccagctcc ttggccaggt tgtctcgttc cttccgcagc accgccttct    1200
cctccagcgc tagctgggtc tgccgggagc attcagcttg gagcttggcc tccggggcct    1260
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tgcggatgga ggccaattcc gagcccaggg gatggtagag gttgtaacct aggttgtcca    1500
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tgtccagggg caggcagagg gcttgacact tttgcagttg ctccctggcc agctggcgct    1620
cttgggtgctg cagctcccgg gttttcacgc attcaaccag ctgttcctcc gccacgcgtt    1680
tgttcagcag cacgctttcc ttatccttag tgcaaatggt cttctccttg gctatctcca    1740
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tgtccttgaa ttgatctctg cattgcttct cactcaagat gatggcagcc atgtacctct    1860
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ggccctcggc tcggcgctcg gtggcctgca ggttggaact tgtgctcacg tgcacgttgc    2100
catagaccat gaagagcacg agccccagga tgatgaggaa ttggtgagg gagacgaaga    2160
ggaagaagta gcgcaggtaa taccagcagc cccgagagct gcccccgcc cgagcgtagg    2220
acctccgtg ctccatggcc agaccattt gctcgatccc gcagtcgggt gcaccgtccc    2280
tgctcacacg aaa                                     2293

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<210> 8273  
 <211> 3421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3422)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (528)...(2329)  
 <223> similar to gi31658 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8273

acatccccgg	gtcgacgatt	tcgaggggag	cttcttttctt	gctcaccctg	gcgatggcta	60
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ttatgattaa	gtacttaaca	tttcctgttg	gaagtttggt	ggcctcagat	ttctcctctg	180
agcaggacat	acaacagagg	gttggacaca	gatggccaga	gttgaagcta	ggccaggaaa	240
catcgctgtg	tctttggaaa	caaaaagtcac	cttccttcct	ccaggagcaa	gggcgggtga	300
gaggaagagg	gcttatagag	agccttttca	agcccctagc	ttggttatgg	gttattttgt	360
ttttgtcatt	ttagggtgag	gcaactccaa	ggtcctactc	tctttctgtg	cctgttacct	420
accccgtcct	cctaggggtgc	ccttgagccg	caaaaactgct	gtccacgtgg	accgggggtg	480
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tgggccttgc	ggctgctgtg	ctatcattct	ggctgaacat	ctactacatc	gtcatcatct	960
cctggggccat	ttactacctg	tacaactcct	tcaccacgac	actgccgtgg	aaacagtgcg	1020
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tgtattttctg	tatctggaag	ggtgttggct	ggactggaaa	ggtggtctac	ttttcagcca	1260
cataccccta	catcatgctg	atcatcctgt	tcttccgtgg	agtgacactg	cccggggcca	1320
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aagagatggt	tggatccagg	ccctgcatct	ggtggaaact	ctgctggtct	ttcttcacac	2040

caatcattgt	ggcgggctgt	ttcattttca	gtgctgtgca	gatgacgcc	ctcaccatgg	2100
gaaactatgt	tttccccaag	tggggccagg	gtgtgggctg	gctgatggct	ctgtcttcca	2160
tggctctcat	ccccgggtac	atggcctaca	tgttcctcac	cttaaagggc	tccctgaagc	2220
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tggattgaaa	aaacaaaaca	aaacaaaaaa	accagggggc	gtcagtcgat	attctcaggg	2940
ccgcttctcc	tgcagtctgt	ggagcgctct	tgtccccgcc	gccggaatga	atgagcatc	3000
tgcagcccca	tgctcctgtc	ccctcctcgc	cgggccattc	tgattggacc	tgggccagtg	3060
caatctgtcc	agacaagccc	tgcttgctgg	aaaactgcc	caagcacaat	tgatctcttt	3120
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aggatctgtc	cgacagtcaa	gacggatcca	caggaatctt	tcggtctcct	taaactacca	3300
ccctcgtctc	cacccacccc	aagggtgntg	ccgcctcacc	ttccttgaaa	tttctcagcg	3360
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t						3421

<210> 8274

<211> 1483

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1484)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (181)...(749)

<223> similar to gi2585991 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8274

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agctggtgac	agaccactc	tgtaactttc	agctagattc	agccaccaga	tcccagaaac	180
atgacccttg	ctgcctacaa	agagaagatg	aaggagctcc	cgctggtgtc	cttgttctgc	240
tcctgcttcc	tggccgatcc	cctgaataag	tcgtcctaca	aatatgaagc	agacacggtg	300
gacctgaatt	gggtcgctcat	ttccgacatc	gaagtcatcg	agctgaacaa	atgcacctcg	360
ggccaatcct	ttgaagtcac	cctgaagcca	ccctcctttg	atgggggtcc	cgagttcaac	420
gcctccctgc	caaggcggcg	agaccatcc	ctggaagaga	tccagaagaa	actagaagcg	480

gctgaggagc	gaaggaagta	ccaggaagcg	gagctcctga	aacacctagc	agagaaacgg	540
gaacatgaga	gagaggtgat	ccaaaaggcc	attgaggaaa	acaacaactt	catcaagatg	600
gctaaggaaa	aactggccca	gaagatggaa	tccaacaagg	agaacaggga	ggcccacctc	660
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tacatgttaa	gaattgacca	gtgaagccat	cctatttggt	tccggggaac	aatgacgggg	960
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caaccctgcc	cggcgcagat	ctgattttca	catctctacc	tggacattga	gcctccaggc	1080
accatgttga	ggagagatga	aaaccagggc	ggtagaactt	caggggtgaag	gacagagtcc	1140
tgggtggggc	agcggctgca	gggcgcacca	gagaaccag	ccagaggggg	tgtgagtacc	1200
agtgggtgtg	cttccaccct	gcagcagggt	ggatgaggtc	tgtgtgtgtg	tgtgaaccat	1260
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tggcagatgc	ccctttgctt	ccttaattct	gccattcaag	catctggagc	ctgggtgagg	1440
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<210> 8275

<211> 2646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(1808)

<223> similar to gil477468 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8275

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aatagtttgg	gatgaatacc	taactggacc	ctttggcctg	attgcacagt	attcactatt	180
gaaggaacat	gaagtggaaa	aaatgttcac	acttaaagga	aatcgtttgc	cggcagctga	240
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aaacgtgctc	agtgaagata	gacgaggccc	aacgagagat	tttcatattc	tgtttgtgcc	360
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tcacagggag	gagtacagct	tagatctcat	tccattcgat	ggggatctct	tatccatgga	480
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tgtatt						2646

<210> 8276

<211> 3048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (643)...(3049)

<223> similar to gi3059135 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8276

tgtgcgtcgc	gctctcgccc	tcctcttccc	gctgcagtgt	ctatggagcg	aggctacgtt	60
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cttgaccag	gaagaagtct	tagcagccag	cgggccctgg	tcaggaaact	ctaaggtaca	180
aggaaaacag	ttgaggaagg	agccagagcg	ctccggtttg	gtcctcgggc	ttcgtctggg	240
cggggcgag	gcgttggtt	taagaaaagg	gaggggacag	tgcaatccgg	gttgcccgcg	300
gagttcgcc	aaggaagtct	tccgctcgct	ccggagcgag	gagcctgtaa	agaggctgtt	360
cccagctcca	gctctaacct	cgcctacacc	ttgggcgggc	ccaagtgtca	cgtttgcaat	420
tgctcaggaa	ggatccggcc	cgtctccgga	ggcaagtcgg	gctgcggttt	ttgctgctta	480
tctgggaagg	cgatgcctaa	gggacatgct	gcttgctagg	cagcaccctg	ccgggatccg	540
actgcgatga	ttagctctcc	ctggccctga	agccatcgcc	ggggcgccctg	ttctctgtcc	600
ggaccagcca	gcgctcctca	ggagtctcac	tgaaacagaa	ccatgggtca	tccccgcgtg	660
gagttcagcg	actgctacct	ggacagcccc	gatttccgcg	agaggctcaa	gtgttatgag	720

caggaactgg	agaggaccaa	caaattcatc	aaagacgtaa	tcaaagacgg	caacgcgctt	780
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tttcagtttg	atttcattgg	agacactctg	actgatgatg	aaattaacat	cgctgaatcc	900
ttcaaggaat	ttgctgaatt	gctcaacgag	gtagaaaatg	agaggatgat	gatggtacac	960
aatgctagtg	atttgctgat	taaacccttg	gaaaatttcc	ggaaggaaca	aataggcttc	1020
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cggcacttac	acctgtcttc	aaaaaagaaa	gaatctcagt	tacaagaggc	agacctacag	1140
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ctgttcattt	ctaacagcct	gactgtggag	ctcacacagg	atttcctccc	atacaaacia	1320
cagctccaac	tcagttttaca	gaatacaaga	aatcatttct	ccagtaccgc	ggaagagatg	1380
gaagaactta	agaaaaggat	gaaagaagct	ccccagacat	gcaaacttcc	aggacagcca	1440
actattgaag	gctatctcta	tacacaagag	aaatgggctt	taggaatata	ctgggtgaaa	1500
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aaattccaga	acatagtgg	ggaaatacta	atcgagcact	ttggcaagat	ctatttaggt	2340
ccacctgagg	aaagcgctgc	accgccagt	cctccgcctc	gggtgacagc	aagaaggcac	2400
aaaccaatca	cgatttcaaa	gcgcttgctg	cgagaaagga	cggttttcta	tacttcttcc	2460
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atagaacccc	ccaagccacc	acaacacccc	aaactaccta	ttcagaggag	tggggaaact	2580
gatcctggga	ggaagtcccc	aagcaggcct	attttggatg	gcaagtggga	gccctgccc	2640
gaggtggacg	tggggaagt	ggtgtctagg	ctgcaggatg	gagggaccaa	gatcacccca	2700
aaggccacca	atggaccat	gccaggctct	gggccacca	agacccctc	tttccacata	2760
aaagagaccag	ctccccggcc	cctggcccac	cacaaggagg	gggatgctga	cagtttcagc	2820
aaagtgcggc	ctccaggaga	aaagccaacc	atcatccgcc	ccccagtga	gccccagat	2880
cctccctgcc	gggcagctac	tccccaaaag	ccagaaccaa	agccagatat	tgtggctggc	2940
aatgcggggg	aaatcacatc	atctgtggtg	gcttcaggga	ccaggttttt	tgaacagct	3000
tcccggaaaa	caggaagttc	tcaaggcaga	cttcctggag	atgaaagt		3048

<210> 8277

<211> 1570

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (164)...(1044)

<223> similar to gi688408 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8277
gggtcacgcc ccgcccggga gcgcctcggg tcagtaactc gggaagacga ccaagcggga      60
gcgggagcgg gagcgggagc cggagcgaga gcgcgcgggc gcggccgaca gtgcctgatt     120
tgagatgggg tcccaggtct cggtggaatc gggagctctg cacgtggtga ttgtgggtgg     180
gggctttggc gggatcgag cagccagcca gctgcaggcc ctgaacgtcc cttcatgct      240
ggtggacatg aaggactcct tccaccacaa tgtggctgct ctccgagcct ccgtggagac     300
agggttcgcc aaaaagacat tcatttctta ctcggtgact ttcaaggaca acttccggca     360
ggggctagta gtggggatag acctgaagaa ccagatggtg ctgctgcagg gtggcgaggc     420
cctgcccttc tctcatctta tcctggccac gggcagcact gggcccttcc cgggcaagtt     480
taatgaggtt tccagccagc aggccgctat ccaggcctat gaggacatgg tgaggcaggt     540
ccagcgctca cggttcatcg tgggtggtgg aggaggctcg gctggagtgg agatggcagc     600
agagattaaa acagaatatc ctgagaaaaga ggtcactctc attcactccc aagtggccct     660
ggctgacaag gagctcctgc cctccgtccg gcaggaagtg aaggagatcc tcctccgaa      720
gggcgtgcag ctgctgctga gtgagcgggt gagcaatctg gaggagctgc ctctcaatga     780
gtatcgagag tacatcaaag tgcagacgga caaaggcaca gaggtggcca ccaacctggt     840
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actagccagc agtggtgctc tgagagtga cgagcacctc cagggtggagg gccacagcaa     960
cgtctacgcc attggtgact gtgccgacgt gaggacgccc aagatggcct atcttgccgg    1020
cctccacgcc aacatcgccg tggccaacat cgtcaactct gtgaagcagc ggcctctcca    1080
ggcctacaag ccgggtgcac tgacgttcct cctgtccatg gggagaaatg acggtgtggg    1140
ccaaatcagt ggcttctatg tgggccggct catggttcgg ctgaccaaga gccgggacct    1200
gttcgtctct acgagctgga aaaccatgag gcagtctcca cttgatgga gaggccaggc    1260
gggagaacta ccgcagcagg ccaagtggaa cccctgggag atgacaggac accacctctg    1320
acccacaggg aaccctgtcg gtgtgcacca gcgcattccag ctctcatgtc tctgagatga    1380
catgggtggt ttgtccagac tgggatgacg gcagctttgg ggcagcagag gaggcatttt    1440
tcagatgttt tcatcttcga atgaacttgg tgatctggat gtctgcggca agtctcagca    1500
atctctttat gaatcatcat tattattatg gttcagttca tggctcttcc cagggcctgg    1560
gtgctgatgc                                     1570

```

```

<210> 8278
<211> 1104
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (806)...(449)
<223> similar to gil850098 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8278
ggtttttttt ttaaaaaata aataatgagc ttttattatt ctcaacaaca gagaagactc      60
cagcctgatg tctatgggac ctgagtccac actgtggagg gcacaagctg tgggagggcc     120
tgggaagacac gcctcagaga ttctcccagt cctgccaccc tgtgggagac acttcaaagg     180
aatcgtaaac tcatgtgacc agcagggagg acaacgatga agaaactttc ctgcctaaaa     240
tcagctgctg tccagagcta gcacctggaa ggagacactc cctctcctgg ggtcacatct     300
tactgcaag gcgggtggga gctcactgct gtgacccaca tatactcctc tctcggcgct     360
tctatcctgc tgctttctct gactgcatct tcctctgttc cttggtcagt gtttgagaag     420
agaatgttga acaagtcaca tccttgtcac tctgagtcag aaccctcatt tgacttgga     480

```



gatttgtgct	tccgtttttt	cttctttttt	ttttctttct	tcctttttct	atgctttttct	540
ttctttctct	ttttcttgtg	tttctcttta	ccttcagagg	aactggagct	gctcctatct	600
tcacctgagg	tagaatcctc	cagtaactgt	tttaactgct	gtatccttac	attcttttca	660
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tgtaactttt	ggttgtcttt	gataaagaaa	gggcattctt	tgtagcctgt	tcggtgaccg	780
taccatttgc	aatgcccaacc	ttgataagcc	caggaggagg	tttttcataa	ctagcagcgc	840
cgtggccagt	ccccgccgcc	cattctctct	tcttcggggc	ctcgccacac	caacactgca	900
ggaccegtgt	cctcgtccct	tctccatagc	agaggatgaa	aagaacgggg	tttctccatg	960
tcgcagtggc	ccagggaaact	cagaggtgga	gcgcgggggc	agcgtgctcg	gttgaacttg	1020
cctgttcggg	ccacaaatgc	cgagcaagcg	ccaataactc	ttggcttcca	cgtaatcgtc	1080
gtccccggaa	atccaagccg	ggcg				1104

<210> 8279

<211> 3205

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3011)...(1114)

<223> similar to gi5931594 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8279

tttttttttt	ttcacatata	cacattttat	ttttcataaa	ataaaggata	atgtgcccac	60
ccataccctg	taagtttcat	agcctaaaag	tcagtttcat	agcctagaag	tcttcctagt	120
agtcagattt	tctgtccccc	agaggggaga	ctcccgacc	cccagttccc	agggggcctg	180
gtgtttgagg	agctgcatca	agctgcatct	tcttacaagc	ccaggggaga	aaggatgtgt	240
ttaagggtag	aagttgttca	ttttgttttc	ctttgcaaga	ttttgataga	atctagtata	300
aaggctgtct	ggcttagctc	agaatgcaag	aaaagggtgt	attctttcgc	atttgggcac	360
ttcacagagg	gcatgggcac	tcccccatct	aaacaggctt	gaaaaaggac	acagacccaa	420
gagaggccct	tgcggaggcc	cagcaaagag	tggttcagga	tgacagaca	ggctctctgg	480
ggctgtgggc	caggagtggg	aaagccacct	tagtctctgt	ggagcagatt	tgggaagggt	540
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tcctgaacac	catggtcaat	catcctgggg	cttctcacat	ctgtgaaaga	acaggtctct	720
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cctccaaggt	ctgactcttc	cccttgccga	gtgaaggccac	accatggcgg	gccagaatgg	1500
catctttctg	ggtggagagg	aggttccgca	tgggtgtctg	caggacccgc	agcgacagaa	1560

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tggggatatct	gccagacaat	ctctggaaga	tgttgccctac	atgcccctgc	cctgccttgt	2040
tgggggtggga	tgagtcacga	actaagaggt	ccagatgctg	gattggcacc	atcccataat	2100
gcttgcccat	cacctcggcc	acgtggacaa	acatctccag	atagtcacag	tctgtatcct	2160
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accttcaacc	agaggtaagg	atgccttttc	tcccggaag	gctagcaggc	tgcggtaggt	3120
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gaaatgtgcc	agtcaggaaa	gagga				3205

<210> 8280

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (237)...(534)

<223> similar to gi3549666 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8280

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ttggggaggg	ggtaaggaac	gttttttgta	gttatgtgtg	caaccctgc	tctagaaata	120
gtttgggtaa	ctgtttccct	tccaaaagga	ctctctgggt	acgccgtctt	tctctttgcc	180
tcagccactt	ccttcccttg	cctcaccctc	cccagtgcac	tgaagaaggt	aaccgggtcc	240
agaccacgc	ggcgccagtt	ctccggcggg	aaggaaaacc	gcgcagagag	gcagcaatga	300
atgtggatca	cgaggttaac	ctcttagtgg	aggaaattca	tcgtttgggt	tcaaaaaatg	360
ctgatggaaa	gttaagcgtg	aaatttgggg	tctcttccg	tgatgataaa	tgtgccaaac	420
tctttgaagc	attggtagga	actcttaaag	ctgcaaaacg	aagggaagatt	gtaacatatc	480
caggagagct	gcttctgcaa	ggtgttcatg	atgatgttga	cattatatta	ctgcaagatt	540

aatgtggttt	acatatcttt	atgtactgcc	atTTTTtTgtt	tctggtaaAc	tggaatataa	600
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ggagattcat	gttttagaag	tctgtccttt	tttatatctt	gaaagaaaat	ctatgtatga	720
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gattTTTTgc	ggggcagggg	tgggaaTgtt	tgTtcataaa	taattagaca	TTTTctatag	840
atatttgaca	ttctgcgaaa	gcaacaagca	aactgaagac	caactcctat	gagaaatatt	900
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<210> 8281

<211> 2279

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1397)...(582)

<223> similar to gi2104536 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8281

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tgtagatctc	cttccttttag	taatcactgt	taaggagatc	ttcatgtgaa	aaatacatgt	180
agaagTTTTa	aaaatttgTg	gatataattg	tcattcagaa	ttaagcaggt	tgattgctgt	240
tatctaggat	gggtctcttc	ctttatgttt	ttcagtcaca	taatcttgat	ttccatagtt	300
atcacatgta	cttaaaggaa	gttaatcaat	gcctatatgg	tccaaggTat	aatttgcaca	360
cagtagTTTT	tggTTTTtat	attgtggatc	atatgtatca	aaggtaatat	tcataaagaa	420
caatgttata	gttggctaca	aagggacaat	tccacatttc	tatacaggga	atattttaag	480
ggtagagtta	tatcagctat	ggTgattgag	tttaaataTc	cctgcagggt	caggaacaaa	540
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ccagtggagt	aatttagctt	cctgcagaaa	atgctccgaa	tatctggcat	ctggattcca	660
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cgcccggcag	gctttgtagc	gaccttccct	gcccgggtcc	cagtcacggt	cgggagcagc	2220
cgccgtggcc	cggtctgcgc	aggcaggctc	ccgcccgcac	cctcccgtgt	gagacgaaa	2279

<210> 8282

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8282

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gagagacgca	ggagaagcgc	ttcaaggacc	cgggactagt	ggaccagctg	gtgaaggcag	180
acagcgagtg	gcgacgatgt	agatttcggg	cagacaactt	gaacaagctg	aagaacctat	240
gcagcaagac	aatcggagag	aaaatgaaga	aaaaagagcc	agtgggagat	gatgagtctg	300
tcccagagaa	tgtgctgagt	ttcgatgacc	ttactgcaga	cgcttttagct	aacctgaaag	360
tctcacaaat	caaaaaagtc	cgactcctca	ttgatgaagc	catcctgaag	tgtgacgcgg	420
agcggataaa	gttggaaagca	gagcgggttg	agaacctccg	agagattggg	aaccttctgc	480
acctttctgt	acccatcagt	aacgatgagg	atgtggacaa	caaagtagag	aggatttggg	540
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tggtgttcct	ggaacaggct	ctcatccagt	atgcccttcg	caccttgga	agtcggggct	720
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tcctggagaa	ctaccagaca	gagaagggca	tactgtgccc	tgagaaattg	aaggagttca	1440
tgccgccagg	actgcaagaa	ctgatccctt	ttgtgaagcc	tgccgccatt	gagcaggagc	1500
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tgccatgtac	cacacagatg	ttcctgtctc	ctcgcatggg	catagggacc	catcattgat	1800
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<210> 8283
<211> 1971
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(1279)
<223> similar to gi4226073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8283	
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tatcttcttt	ggatttctct tttctattta aagattgccc tatcagaatc ccatcttcat 180
ttttttgttc	tttctgacat aggttttcaa gggacatgag tgacccgagg atggtgttga 240
gcctctcttt	gtaagggttg tttctttgtt actcacgtac tggtaattat cttaccatct 300
ctgcagagcc	cacccacctt tgggttcctg ttggacatcg atggagtgtc tgtgcggggc 360
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cccgtgatgg	aaaatgccca gggactgggc ttccgaaatg tcgtcaccgt ggatgagctg 660
cggatggcct	ttcctctgct tgacatggtg gacctggagc ggcggtctaa gaccacgcc 720
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gatgctactt	tttactgtat tgtagtttat tgcccggaga tgtggggctt tttttttaa 1920
taaaataatc	ataataaatg ttcattgatgc tgactcttgt gaaaaaaaa a 1971

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<210> 8284
<211> 5365
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(4137)
<223> similar to gi2224663 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8284
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gatgtcccca gtcccttcaact tctatgttcg tccctctggc catgaggggg cagcctctgg      180
acacactcgg aggaaactgc aagggaact gccagagctg cagggcgctg agactgaact      240
gtgctacaac gtgaactgga cagctgaggg cctccccagt gctgaggaga caaagaagct      300
gatgtggctg tttggttgcc ccttactgct ggatgatgtt gctcgggagt cctggctcct      360
tcctggctcc aatgacctgc tgctggaggt cgggcccagg ctgaacttct ccacccaac      420
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gaccaccccg cgctaccggc tctcgtttgc ccaccccccg tcagctgagg tggagccat      540
tgctctggct accctgcacg accggatgac agagcagcac ttcccccatc ccatccagag      600
tttctccctt gagagcatgc cggaaccctt caatggccctt atcaatatac tgggtgaggg      660
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agttccgattc ctacggcctg aggacccac acggccaagc cgcttcagc aacagcaagg      1020
gctgagacat gttgtcttca cagcagagac tcacaacttt cccacaggag tatgccctt      1080
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ctaacccttt	agtatgctgg	aattctactc	ttcacttact	gcattgactg	ttgttgatta	5160
gttattattg	caaagcactg	tcaccggcct	cagggagttt	atgtgtaata	gaattaaaaa	5220
taatagctgt	gtataacact	tagctcaagc	cacgcatgtg	tgaggcattt	ggtatgtatc	5280
tgaattaatt	ctcactaaaa	ttcagcaaaag	gacttgatag	cctctccccg	ccttttcaat	5340
aaaggatgaa	tgaagaaaaa	aaaaa				5365

<211> 581  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (528)...(334)  
 <223> similar to gi4679018 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8285
tttttttttt ttcaaatgag ttggtttaat ttcaggatgat acaaagttaa gggtagaaca      60
aggaccaaag aacagactct ggcaagattc tgagctgggt ttacttttaa ttcacagtta      120
tggtaggaat gacttagtga aaacaactaa agagatgatg agccactgta agatttttct      180
ttttttacaa aagtttattc ttaaattgtac aacagctcca agacaacact taattccagc      240
tatacgtggc aaaagatggt atggcaggga atagagaggt ttaaatacag atgaaataaa      300
gggtcaccat ctctcaggc acaaggaaca gcttactttt tgccagattt cttaattcca      360
cctgtggcca agggccccct ccccgcggcc ttcgctttta gctcctcgag tttcttctgc      420
tcctcttttt gtttctgctt gaaagcctta tcttcctcgt ccattctcctt ggctgcttc      480
ttgggctggt tcagtggctt cttcttgcca ctttcgcggc cggacatggc gcctgccgcc      540
gcttccccag accctgccac cggaaagctc cttcagaaaa g                               581

```

<210> 8286  
 <211> 1682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (20)...(1030)  
 <223> similar to gi4680691 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8286
ggcccgctcc aacatcagaa tggtaacagc tttcaggagc ctaccagccg gcagctccgg      60
agctgccccg gccatgtccg cgcacaatcg gggcaccgag ctcgacctta gctggatctc      120
caaaatacaa gtgaatcacc cggcagttct gaggcgtgcg gaacaaatcc aggctcgcag      180
aaccgtgaaa aaggagtggc aggctgcttg gctcctgaaa gctgttacct ttatagatct      240
tactacactt tcaggatgat atacatcttc caacattcaa aggctctggt ataaagccaa      300
atacccaatc cgggaagatc tcttaaaagc tttaaataatg catgataaag gcattactac      360
agccgcggtt tgtgtttatc ccgcccgggt gtgtgatgct gtaaaagcac tcaaggctgc      420
aggctgtaat atccctgtgg catcagtggc cgctggattt ccagctggac agactcattt      480
gaagacacga ttagaagaga tcagattggc tgtggaagat ggagctacag aaatcgacgt      540
ggtaattaac agaagcttgg tgctgacagg ccagtgggaa gccctgtatg atgagattcg      600
tcagtttcgc aaggcctgtg gggaggctca tcttaaaact atattagcga caggagaact      660
tggaactctt actaatgtct ataaagccag tatgatagca atgatggcag gatcagattt      720
tattaagacc tctactggaa aagaaacagt aaatgccacc ttcccggtag ctatagtaat      780

```



gctgcggggc	attagagatt	tcttctggaa	aactggaaac	aagataggg	ttaaaccagc	840
aggaggcatc	cgcagtgc	aggattccct	tgcttggtc	tctcttgtaa	aggaggagct	900
tggagatgag	tggctgaagc	cagaactcct	tcgaataggt	gccagtactc	tgctctcgga	960
cattgagagg	cagatttacc	atcatgtgac	tggaagatat	gcagcttata	atgatcttcc	1020
aatgtcttaa	atcagtcacc	agttccagaa	aagttcttta	cgacaatgtt	taaaaattat	1080
ttttctacgt	aattgctaaa	attatttaaat	taaaaaattg	ggcagtaggt	aactggcatt	1140
cctctcttta	aaatttctac	cgaacttaat	ggaatggaaa	aagcaaactc	atccacatgt	1200
ggtactcatt	tcaggcacat	ctgaaatgat	cttaattact	agaagatctg	cactattaac	1260
tttgtgaaga	gtttctccta	aaaactttaa	gtaaaatgtt	aatggtagct	ttgataacat	1320
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cactaatctt	cctgctgtgg	aaaactcatc	ttttcatttt	tgcccctg	gataggcg	1500
ttttattaat	tggtggctcc	taatgaaatt	tctggacatt	gtcatataca	acgatgaata	1560
tcattaaaa	ttttaaaata	ataaagttcc	tatagtttat	ttttttaaaa	aaacttaaaa	1620
attgttacaa	tacataatga	aaaaataatc	cattaaacat	aaaaagaggt	ttgatcaaaa	1680
aa						1682

<210> 8287

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(648)

<223> similar to gi4836723 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8287

catgtccttt	cagcaccaca	agctcgggct	gaggagggag	gactcctggc	cgctcctctc	60
ctcttcaa	at tggcttga	at ctgctctg	ac cccacag	ag tgcagcac	ag tctggga	120
aaggcgta	ag gatggtga	ag ctgaacag	ag accccag	ag gaaggga	ag aagccgc	180
cagttgag	ga tggcttcc	ag accgtccc	ag tcatcact	ag cttggagg	ag aatcactt	240
agctgcct	gc tccagaaa	ag gtgattgt	ag agacaaga	ag ggaatatc	ag ccggaaca	300
agaacaa	agg gaagttcc	ag gtgccaaa	ag tcgctga	ag tacggtc	ag atccttgc	360
gcctggcc	ct agctttcc	ag gcgtgc	ag tgttcctg	ag ggtttac	ag gccttcac	420
atgatcac	ag ctgcccag	ag ggattcgt	ag ataagcac	ag acgctgt	ag ccagcctc	480
tggatgct	ta ctactcct	ag caggaccc	ag attccaga	ag ccgcttct	ag acagtc	540
gccactac	ag cgtggcca	ag cagagc	ag cccgggcc	ag cgggccgt	ag ctgtcag	600
ccgctgtc	at ccatgag	ccc aagccg	ccc agacc	ccc cagg	ccc cctg	660
ccagaat	ggg gggggt	gag agagg	gag ccccat	gag ctaagc	gag ctccag	720
aagacaac	ac tgtactc	ctg ggat	ctg ggggg	ctg ggcagg	ctg ggtggg	780
agaacgc	acc aaaa	acgtg	acgtg	acgtg	acgtg	840
cttggtat	tg ttgatt	gc gccag	gc gtcatt	gc aaagg	gc ttcgtg	900
ttgttccc	at gtaaga	att ttaa	att ctgctt	att tttgt	att aaatgt	960
gcagaaa	agg aaaga	aaa acat	aaa aagc	aaa actgg	aaa ccatc	1020
acgttga	agg gcagt	ga gacag	ga tgtggg	ga ttagat	ga aaacgt	1080
tcagtggg	gg ctccag	gg gtag	gg agtgac	gg accggg	gg ttccatt	1140
ctgtggt	ctg cagg	ctg ccgag	ctg tgagga	ctg ccgag	ctg gaga	1200
gattttgg	ca ttacta	agc caga	acg ata	acg gta	acg ctgg	1260

gtgcattttg	caagatgagc	acaaactttc	tgggcctcca	tcctaggacc	tgggcagacc	1320
cacatggcct	gggctctgaa	tgcccaccct	gcgacggtgg	gttctgcatc	agcaaacgct	1380
gaggagtggg	cagattttct	ttgtcttttg	cttgcatttt	ctagatccac	acctggatac	1440
tgcccatggt	gacgagacag	cagcaggggg	agagggaggg	aaggaagggt	cggctgcaag	1500
aaggaaggca	cgggacaggc	atgtgacact	aggccacaag	cgataagcac	aggcacctga	1560
cttttaagtt	tttgtttgtt	tgttgtttcc	caaagtgtctg	ataacaataa	caacaacaat	1620
aggattccaa	ccaggagcct	caagtgcacg	ccaggaagag	acctgaagggt	tggggccacc	1680
acaatgccaa	atcgttttcta	aaggaagctg	aaaaatggga	ctgtcttttg	cccacttcgt	1740
tgtgttaaaa	ggggacattt	gtccaaactc	cccaaccgag	ttctagaagc	tcctgacaag	1800
gaggcagcat	ccagccttga	ccaggcctcc	cagttccctg	gaaccgtatc	aggcattcgc	1860
ctgcctctca	caaagtgttc	agggaggcca	gttctgcagg	gtgtcagctc	caggaccac	1920
agggccagaa	ccagctgg					1938

<210> 8288

<211> 1743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (149)...(578)

<223> similar to gi3551195 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8288

cttcgtattg	ccgaaccggc	tcggaattcc	cgggtcgacg	tttcgtggac	caggcgcctg	60
tgctcctcc	tcgtccctcg	ccgcgtccgc	gaagcctgga	gccggcggga	gccccgcgct	120
cgccatgtcg	ggcgagctca	gcaacaggtt	ccaaggaggg	aaggcgttcg	gcttgctcaa	180
agcccggcag	gagaggaggc	tggccgagat	caaccgggag	tttctgtgtg	accagaagta	240
cagtgatgaa	gagaaccttc	cagaaaagct	cacagccttc	aaagagaagt	acatggagtt	300
tgacctgaac	aatgaaggcg	agattgacct	gatgtcttta	aagaggatga	tggagaagct	360
tgggtgtccc	aagaccacc	tggagatgaa	gaagatgatc	tcagaggatga	caggaggggt	420
cagtgcact	atatcctacc	gagactttgt	gaacatgatg	ctggggaaac	ggtcggctgt	480
cctcaagtta	gtcatgatgt	ttgaaggaaa	agccaacgag	agcagcccca	agccagttgg	540
ccccctcca	gagagagaca	ttgctagcct	gccctgagga	ccccgcctgg	actccccagc	600
cttcccaccc	catacctccc	tcccgatcct	gctgcccttc	ttgacacact	gtgatctctc	660
tctctctcat	ttgtttgggtc	attgaggggtt	tgtttgtgtt	ttcatcaatg	tctttgtaaa	720
gcacaaatta	tctgccttaa	aggggctctg	ggtcggggaa	tcctgagcct	tgggtcccct	780
ccctctcttc	ttccctcctt	ccccgctccc	tgtgcagaag	ggctgatatc	aaacaaaaaa	840
ctagaggggg	cagggccagg	gcagggaggc	ttccagcctg	tgttcccctc	acttgaggga	900
accagcactc	tccatccttt	cagaaagtct	ccaagccaag	ttcaggctca	ctgacctggc	960
tctgacgagg	accccaggcc	actctgagaa	gaccttgagg	tagggacaag	gctgcagggc	1020
ctctttcggg	tttccttgga	cagtgccatg	gttccagtgc	tctggtgtca	cccaggacac	1080
agccactcgg	ggccccgctg	cccagctga	tccccactca	ttccacacct	cttctcatcc	1140
tcagtgatgt	gaaggtggga	aggaaaaggag	cttggcattg	ggagcccttc	aagaaggtag	1200
cagaagggaac	cctccagtcc	tgctctctgg	ccacacctgt	gcaggcagct	gagaggcagc	1260
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gggggttttg	ggggaaaagg	cagctcagtg	ctgttccacc	ttttaggagg	gttactgagg	1380
ggaccaggat	gggagaatga	ggagtaaaat	gctcacggca	aagtcagcag	cactggtaag	1440
ccaagactga	gaaatacaag	gttgcttgct	tgaccccaat	ctgcttgaaa	cctgactctg	1500

cttctctcat	ttgtcttct	accctactca	cataattcac	tcattgactc	actcattcac	1560
cagatattta	ttgacctgct	attataagct	ttacatcctc	ccatgttgct	ctggcatgtg	1620
cagtatacac	ggtctaactc	atctctcccc	agatctctca	gaaccttgag	cttgggaatt	1680
gaactggggg	cacctgtgtc	ctttcttatg	gactcgcagg	attttagaac	cctaattgcac	1740
ccg						1743

<210> 8289

<211> 2682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2485)...(1678)

<223> similar to gi2739372 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8289

ttttggtcca	aggggttta	atgggggacc	ccccgggttt	tccctcccc	gcggtgttaa	60
aaccggggcc	cggaattga	attttggggc	ccataaaaa	aaattttacc	ttgccagccc	120
gggggcggtta	aacttggttc	cttaaaacgg	gccccccctt	tttttttttt	ttcatttttg	180
tcatttatta	acctggaagc	aaatatgaca	aaacagtcac	actagtaagt	catctgaatt	240
ttttaaatct	cttaataaaa	caaccaaatc	ccacgcaaat	cagtccacaa	gggaggcccc	300
cgctccaca	gtgcagggtg	actgagtgtg	caactacggg	ccaacccccg	cctctcaacc	360
ggaagggagg	gcactcaaaa	gaggaattta	gagaaaaggc	ggagagggcg	gacctcggga	420
aagggctcgg	gcgggagccc	cacctggctc	cccacccctc	ccgaaaccag	gggaaaagcc	480
tgtggcggtg	cgctgctgtc	tcccattagc	agttacaggg	ccgaggcttc	ccgctgattg	540
gtggaaattc	cgatcttctg	atccctgatt	tgcataagaga	ctggggcctg	cacccccgcc	600
ccccaccagc	agcaatcggc	caacgccaac	ggtgctgcgc	caggagcggt	ctgggctcgg	660
cgccgcccag	tcctcctggg	catctcggaa	gctgttttct	tccagctgct	tgggacagct	720
tttgtgaatg	cctcccttag	ggatgttcga	aagaggagtg	gcccgcacac	gctagaaact	780
ggtcctttcc	ttcccacctg	tggttaaggat	agtttctgct	acggcaagca	ctcaaaactca	840
ggctggtttg	aagctaaagg	attcagacga	cttccaagta	tcaagaatga	aagaaaaaga	900
aacataataa	ggagcccacc	accaagactt	gtagttattt	cctcagaaag	cccccatgcc	960
ccatttgtga	caaaatccat	tcctgaagac	tgattctaga	agaaaccaag	taagatctag	1020
aactttcccc	accagcatca	ctttccaaaa	tgtaggcaga	agtttaccaa	atacaattta	1080
ttcaggaaaa	aaataaattt	taagaactta	tttttatttt	attttagaac	ttaaaaataa	1140
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aggagtacca	gatcagggca	gagacttccc	agctgggttaa	ggcatgcttt	gagggagagc	1260
tcaccagacc	ctgccaggaa	agggcagcag	gcgcagtgcc	cctatggggc	ccacatggct	1320
ggtaacagca	gcaggacacc	tcttccaaag	ctgtccacca	gccccactag	gggctcctac	1380
tcatggcaaa	aaagactaca	tgagcccaca	actgtcaact	aacacagtcg	cacctcctcc	1440
caaagcaaac	acataacat	acaatgttaa	gaacctatta	tcagaacagc	agtgcagcag	1500
accttgacct	tggtctctga	aagtcctgtg	tactggctg	taaggacgct	tggccacagg	1560
ttcctcctcc	ttctcccgc	tcagccattg	ctctaggagt	cctgcagtgc	ctctcttggt	1620
ggggagtggg	ctcttctgca	ggaactgact	ggaccactgg	ggaacatctg	actcttcctt	1680
ttgaggtggt	tttgagtctt	cctttttggg	tgactttgtg	gccaaccact	gcaacatcct	1740
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ctcaggagtg	ttgtttcgcg	agttgttcac	cacagaagag	actgcatgga	aggtgatgtt	1860
ctctgttggg	tggattaatt	tcagagcttc	ctgagttgag	acttcaccaa	agtcaagcca	1920

tttagaaact	gcctcctctc	catctaatat	ggcaggcatc	ctgtggtgga	tgtcactcaa	1980
gcctttgcag	gaatccactg	tgatgatggg	ataggaatac	aggacatctc	ctccctctgg	2040
gggctcccag	cagtcaaaga	tcccggccat	tgtcagcagc	ctccagttgt	cccagacttt	2100
ctcccagttc	tcaggactat	ctgcagcacc	aatgctacct	gacttctctg	tcttgatttg	2160
aggaaaatag	atgaagtatg	gctgcctctg	gtttgttccc	tgacatcgct	gccactcata	2220
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tgagtctgca	tccttctcaa	agtgcagtcg	agacagaagc	actgggctgt	tggttgagg	2460
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gccccgccga	tcctggtagg	cgcaagctct	cgtgagaaca	tctctaggta	agtgacagga	2580
tgttcgccca	cacattcttc	aacaccgccc	ctcgcaacct	cgccccggca	gcgcgcgtca	2640
cctccctcga	ctctcctcac	ccccgctccg	ctccgctttg	gc		2682

<210> 8290

<211> 1568

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (215)...(922)

<223> similar to gi5823570 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8290

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tcggctcaca	gtcgcaggag	agttctgggg	tacacgggca	aaggggcttg	agaaggcccg	120
gaggcgaagc	cgaagagaag	caactgtgcc	ccggagaaga	gaagctcgcc	cattccagac	180
tggaaccag	ctttcagtga	agatggcagg	gccagaactg	ttgctcgact	ccaacatccg	240
cctctgggtg	gtcctaccca	tcgttatcat	cactttcttc	gtaggcatga	tcgcccacta	300
cgtgtccatc	ctgctgcaga	gcgacaagaa	gctcaccag	gaacaagtat	ctgacagtca	360
agtcctaatt	cgaagcagag	tcctcaggga	aaatggaaaa	tacattccca	aacagtcttt	420
cttgacacga	aaatattatt	tcaacaaccc	agaggatgga	tttttcaaaa	aaactaaacg	480
gaaggtagtg	ccaccttctc	ctatgactga	tcctactatg	tgacagaca	tgatgaaagg	540
gaatgtaaca	aatgtcctcc	ctatgattct	tattggtgga	tggtatcaaca	tgacattctc	600
aggctttgtc	acaaccaagg	tcccatttcc	actgaccctc	cgttttaagc	ctatgtttaca	660
gcaaggaatc	gagctactca	cattagatgc	atcctgggtg	agttctgcat	cctggtactt	720
cctcaatgta	tttgggcttc	ggagcattta	ctctctgatt	ctgggccaag	ataatgccgc	780
tgaccaatca	cgaatgatgc	aggagcagat	gacgggagca	gccatggcca	tgccccgaga	840
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actagatgat	gtcgaagaag	agctcatggc	caaagacctc	cacttcgaag	gcatgttcaa	960
aaaggaatta	cagacctcta	ttttttgaag	accgagcagg	gattagctgt	gtcaggaact	1020
tggaatttga	cttaaccttg	taactttgtt	tggaagtggc	acctcttgaa	ataaaaagga	1080
ggatgcacga	gctggcaggc	atgcagcaag	gcttggtctt	gtctgggctg	ggttcccctt	1140
tatgtttgaa	actagaggaa	ataggagtat	gctgggcaac	ttgttatttt	taaaatgttg	1200
taaatgttcc	ttctggtgac	tcttagtaat	gaaagtcgga	gaaaggggga	aacctcaggc	1260
tactgataat	atataaaatc	ttggccgggc	acagtggctc	acgcctgtaa	tcccagcact	1320
ttgggaggct	gaggcgggtg	gatcacttga	ggtcaggagt	tcaagatcag	cctggccaac	1380
atggtgaaac	cccgctctcta	ctaaaataca	aaaattagcc	gggcgtggtg	gcaggcgcct	1440

gtaatcccag	ctacttgaga	ggctaaggca	cgagaatcgc	ttgaacctag	gaggcggagg	1500
atgcagttag	ctgacatcgt	gccactgcgc	tccagcctgg	gcgacagagc	aaaactccat	1560
ctgaaaaa						1568

<210> 8291

<211> 3252

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3042)...(2298)

<223> similar to gi3876260 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8291

tttttcaaag	ttagcaagca	tcctccttca	ttaaaatgaa	aacccaggaa	ttctgcatcc	60
aggaattaat	ccagcaaaaa	atactgggta	cttcttaa	gctcttcaag	agataattgg	120
ttacacaaat	tatgtgatat	ctaagagaca	gcagagcagg	gacatggaaa	cttaacacag	180
acaaccttca	agttgcacat	tttaattttac	aattttttacc	aataaaaagg	attagtttac	240
aaaaagggaa	gtcctttata	caaaaataagg	atTTTTTTTT	tccatttgta	aagagaatcc	300
actgtcatgt	tttgccctgt	caagtcaaaa	ctcaaatagc	ttgTTTTTgt	aaaattattc	360
cagaaacata	atccagacaa	aatcaataac	gtcatcagct	tcctaaccat	gtttaagagg	420
aataacttca	tgaacatttt	gccctgaact	gaagagttct	aaataactgt	aaacctttag	480
gaaaaaatga	ctgctgcgag	gcagctgact	ggtaagaggg	tacaccagag	actccgggtc	540
actcactgtc	agaatattct	tatacataca	atgagttccc	acgcctgtac	aatgagtgt	600
cgtgcaacat	aattggagta	atggcctcta	aaatttttaca	agtaaaacttt	attgtggcca	660
cagatgaaca	acaaaacatg	acagttaagg	ttcagactct	ccccacctat	tttatcatat	720
aaattaaata	tggagaggta	cacacaaact	ctattcaaaa	tgagaagttg	tttgccaact	780
ctcattttct	aggataaac	acatcacact	gtttaagagt	gggggaaaga	atagtcatac	840
tgtagagca	caatgtttcc	tgaaaagaaa	ctgatcaaaa	cgtttgaagc	cttttttagtt	900
gcctcaaagt	gtgacagcca	ctcaatactg	ctcctaacag	tctgctttca	gataacgtca	960
taaaataaaa	taactgtgtg	aaaagccatg	gccttcaaaa	aactttattt	ggttatgagc	1020
caagctctga	taggaaaagc	ccacctacga	aaaaaagggtg	tgggtattta	agctgggatg	1080
attcacagag	cttgtacatt	catgactcaa	aataacacac	cctcaaacc	aatgattct	1140
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aatgatctac	gtgcagagag	gagctgcgcc	ttcctcacia	ttaattgaaa	catgaccaa	1260
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ctcaatgaac	acatatccag	aatgagattg	aaatgggaatc	aatgcccagg	agcctctcaa	1380
agagagcatc	tcctgttagc	caacatgac	tggatcctcc	taacacaaag	caacccaact	1440
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cggtttaa	ctaaccatg	ttagctgcaa	ctccactaca	gtcttgatca	cttagctcag	1560
gaaacaaaca	cccagcaaca	accctcgtat	ctcattaata	ccaatctgtg	gccctcactg	1620
actcagtgg	acttttttat	aaaaatatct	gaagaagtgg	caaacgggta	caacggatgt	1680
caggtcgaag	caattccaaa	agctgagaaa	acgcttcac	cgctgcttgt	cttctcccc	1740
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gccttgccaa	aagtcaataa	ataacagaac	ctgtcaaggg	cagagcaatt	ttatgggcaa	1860
cctcttctag	ttgcaaatgt	gggggttggg	aaaagtggga	gagaggcatg	tgtgcaagaa	1920
agagataagg	gtccttttgg	gaaggggttg	gtgaccagc	cccagctcaa	tgccagcaga	1980
ctaggaccg	ctaaaaccca	ttattcagac	ggaaagggga	gaagagaaga	caccaaaaa	2040

tgtagtcagt	tttgcaat	gcacagttgg	tatttgttct	tcacagcagt	aaggacttga	2100
atgagaatcg	tgaacttgt	ggaacactta	tatttttctt	cgggatttaa	gaaactttgt	2160
ctcgtactga	aagactacat	tcagtgtggg	tcagggtccaa	cagtgttagc	cagaacgcag	2220
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ccaagtccat	tgggtatctg	aacattagga	aaaaataaag	atgtccaacc	agatttccaa	2520
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ctaagccagt	aatcacgatg	caaataccagt	taaagaggag	catgaataaa	tagtctgctg	2760
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ccaagatgca	caagaccgcc	cgactccccg	tgccgacccc	ctcacgacgc	ggccggctcc	3120
gcgactgtta	ggtgtctagg	tggaagccgc	cgaagccgcg	atgcagaagg	cggagacggg	3180
cggacgtggc	gccaccgaat	tcggaccagc	gaggcagcct	tctgaggcga	aacttcccct	3240
tccggcacga	aa					3252

<210> 8292

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (351)...(638)

<223> similar to gi4886451 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8292

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaaggggc	ttccgccacg	120
gccgtctctg	gagagcagca	gccatggccc	tacgtacccc	tatggccgtg	ggcctcaaca	180
agggccacaa	agtgaccaag	aacgtgagca	agcccaggca	cagccgacgc	cgcgggcgctc	240
tgaccaaaca	caccaagttc	gtgcggggaca	tgattcggga	ggtgtgtggc	tttgccccgt	300
acgagcggcg	cgccatggag	ttactgaagg	tctccaagga	caaacggggc	ctcaaaaagg	360
gccacaaagt	gaccaagaac	gtgagcaagc	ccaggcacag	ccgacgccgc	ggcgctctga	420
ccaaacacac	caagttcgtg	cgggacatga	ttcgggaggt	gtgtggcttt	gccccgtacg	480
agcggcgcg	catggagtta	ctgaaggctc	ccaaggacaa	acgggccctc	aaatttatca	540
agaaaaggg	ggggacgcac	atccgcgcca	agaggaagcg	ggaggagctg	agcaacgtac	600
tggccgccat	gaggaaagct	gctgccaaga	aagactgagc	ccctcccctg	ccctctccct	660
gaaataaaga	acagcttgac	agaagccctg	gctctcctgc	tgtccgtggg	tgggtgtggg	720
tgtgtcggg	gcccgagtc	ccctgtctgg	tgcccgcctc	gagccacacc	ctctccgggt	780
gctgcctgg	cgtgaatcaa	aagccgtggc	ccgccacccc	ttcccggggc	agcaggtgag	840
gaagccgccc	tactgcaaat	gactttaatc	attaaatagc	ttctatgcca	aaaaaaaaaa	899

<210> 8293  
 <211> 2418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1358)...(1814)  
 <223> similar to gi2304746 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8293

atctgaccat	cttccgcagc	ttctcagggg	gggggggaccc	tgcccttttg	acttggcgca	60
gctggcctgc	aaagccatag	agcatctggc	ctgagctctc	caatcatctg	ggcaaacttg	120
cacaggcgag	gccccattga	ctgctctcct	gagccacaga	actaaggccg	tatagctacc	180
ttactggggt	agcagcccaa	gtgcactgtc	tccatgtgtc	tggtgggtct	ccagattgaa	240
gggctgccag	gagtgattag	gaaatcatat	tttttaagta	ttggactgaa	aaagagcact	300
ttaataaatg	gtttaatttt	tgcttgaggg	aaaaatagct	acttttctcc	aataatacaa	360
aacataatgt	tctaaatgaa	atgaaattga	aaaagcagca	tgatgctctg	ttaaaatcag	420
aggttttctt	ctcttttctt	tgttttctaa	cataagtgac	tttatgtgag	gtctaaaactg	480
aatctttact	gtttctctta	gttttaaaact	ccttatacat	attttctttg	catttctcac	540
tgtagagtta	ggacctgaat	ctttttctgc	cattttatgt	tgctggtata	agaaatgatg	600
aaattttgac	tttgacagaa	actaacgagg	ttacctttta	actgctagaa	tactgatact	660
gtgttttaaa	aagttacata	aagggtacta	gtgtccattt	aaatacctat	aataacgcac	720
tagagaaaaa	aaagcactga	ccttgagagg	tgttcattgt	actcttccag	gaggcagtta	780
ttgcacattc	tagtgtatag	cattttcagt	tcatttttag	cttttggtga	ctaattgctt	840
gctacccaag	tccttccttt	ttatttgttt	gtgttctgtg	aatagaagtt	ggaaaagctt	900
tttcagcct	gcccgaagt	ttacattttt	atttggcatt	tcagcctctc	tataacaata	960
catagattgt	atgtggaagt	gccatttagt	tacagatgca	gaaaagcttg	cagataactt	1020
ttcaggcaaa	gtgaaaagta	aagtagcatt	ttaccccgag	tccaaaaaat	tatcctaagc	1080
aaatacagtt	gttttttaaa	gtgtgggaga	aattttcttt	ttctctcaaa	agtaaaatag	1140
aaatcacagc	ttagtgggtca	accttagcta	gcttaggtgt	gaaaatccca	tttcttccca	1200
tgtgggccat	gtgggtgtat	ctctggcaca	cacaagaggt	ctgttttagcc	gccttatttt	1260
ggcagatagg	gaagacatat	ctgaaaattg	gtactcactc	gtatgttgtg	tgtgtgtgtg	1320
tgtgtgtgtg	tgtgtgtgtg	tgtggtggct	ttgtatcttc	ttgtttccag	gggacatgat	1380
gaccttggtg	atgaaaaaag	acactctgac	agaagaggag	actcagtttt	atatagcaga	1440
aacagtatta	gccatagact	ctattcacca	acttggattc	atccacagag	acatcaaacc	1500
agacaacctt	cttttgagca	gcaagggcca	tgtgaaactt	tctgactttg	gtctttgcac	1560
aggactgaaa	aaagcacata	ggacagaatt	ttataggaat	ctgaaccaca	gcctccccag	1620
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acattgatac	cagcctctgt	ttcaattggc	agtgatctaa	gtgatttccc	tacttgtctt	1920
tcaaagtga	ttgttttaga	cagatgacac	ctctttcagt	aagatgtatc	ccactccatt	1980
cttgggctta	ctggcatcct	gcaattgctt	tgctgatcat	tttttatgtt	tttctttctc	2040
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gttgtatgca	gagcatttca	actgggcatt	gcctcacttt	cctaatttgc	cgcccccttc	2160
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gtgtctctgt	atttatggga	cgcatctgtg	ggggtgggtca	tatgccagtg	agcactagat	2280

taagtatatc	cttgggtggtt	ccgggtgagt	ctatctgggt	gctttggctt	caggaacatg	2340
ggaacgatgc	ctgtggaggt	gggcgtacac	cgtctggagg	gaagatgggg	tgatagggtg	2400
tgtgcgtggt	tgtcttct					2418

<210> 8294

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (93)...(763)

<223> similar to gi4929767 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8294

tcaataccgc	gtccgcgccc	aggcggctgc	ccgtgacctg	cctgggcgcg	gggaactgaa	60
agccggaagg	ggcaagacgg	gttcagttcg	tcatggggct	gtttggaaag	accaggaga	120
agccgcccc	agaactggtc	aatgagtgg	cattgaagat	aagaaaggaa	atgagagttg	180
ttgacaggca	aataagggat	atccaaagag	aagaagaaaa	agtgaacga	tctgtgaaag	240
atgctgccaa	gaagggccag	aaggatgtct	gcatagtctt	ggccaaggag	atgatcaggt	300
caaggaaggc	tgtgagcaag	ctgtatgcat	caaagcaca	catgaactca	gtgctcatgg	360
ggatgaagaa	ccagctcgcg	gtcttgcgag	tggtctggtc	cctgcagaag	agcacagaag	420
tgatgaaggc	catgcaaagt	cttgtgaaga	ttccagagat	tcaggccacc	atgagggagt	480
tgtccaaaga	aatgatgaag	gctgggatca	tagaggagat	gttagaggac	acttttgaaa	540
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ttgaaattac	agcagggggc	ttgggcaaa	caccagtaa	agtgactgat	gcccttcag	660
agccagaacc	tccaggagcg	atggctgcct	cagaggatga	ggaggaggag	gaagaggctc	720
tggaggccat	gcagtcgccc	ctggccacac	tccgcagcta	ggggctgcct	accccgctgg	780
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ttgggatcgc	aaagggattg	ttcttataaa	agtggcataa	ataaatgcat	catttttagg	960
agtatagaca	gatatatctt	attgtgggga	ggggaaagaa	atccatctgc	tcatgaagca	1020
cttctgaaaa	tataggtgat	tgccatgaat	tcgaagactc	tacttttgtc	tataaaacac	1080
tatataaatg	aattttaata	aatttttgct	ttagcacttg	gccccattgt	agattgccct	1140
gtgcagtaaa	ctttcaaggt	gtcggctgcc	ccagattgct	tcatttgctg	ggtgtggaaa	1200
gagttgctat	ggccaggcat	atgggatttg	gaagctcagc	agaagtgact	tctgctctgt	1260
ggttgctgct	ccccggcttt	cacagacatg	gtatggcagc	cattctttta	tctatttaac	1320
caagaggatg	ctgggggaatt	gtgctgcttg	tccgtgtggc	tgggtggctgc	attatgtcct	1380
ggggtgtgca	tgtgggtcta	tttagagctt	ctgtcccttc	cttcccattg	caagttgcac	1440
ccagatgaga	cagctgtagt	actaggtctc	tttcacctct	cattgcctgt	ccctgcttcg	1500
agctggttgt	cttgtgcgtg	ggacatgggc	cttcctatct	gtgttttctc	aaagtcagga	1560
gctgaccagg	agcacactaa	ggtgtgggtca	tgcatcataa	ccaacattca	ctcatctggg	1620
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gaactaatca	ggcaggaaaa	aagcccagcc	actgtctcac	agattgtttt	ttgtatattg	1860
tagcaaaatc	ctgaacaat	ggggtccttc	cagtctcatc	atacaaaatg	gcaatcttgg	1920
ctgggtgcgg	tgggttcatg	ctataatccc	agtgttttac	aaggctgagg	caggaggctc	1980
tcttgagaat	aggagttcaa	gaccagcctg	ggcaacatag	caagatcctg	tctctccaaa	2040



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<210> 8295
<211> 1958
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(1139)
<223> similar to gi4210353 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8295
acgaatcccc gtgtcgatga tttcacgggc ggcgcagagg cggcaggaag atggagttgg      60
ggagttgcct ggagggcggg agggaggcgg cggaggaaga gggcgagcct gaggtgaaaa      120
agcggcgact tctgtgtgtg gagtttgctt cggtcgcaag ctgcatgcc gcagtggctc      180
agtgtcttct ggccgagAAC gactgggaga tggaaagggc tctgaactcc tacttcgagc      240
ctccggtgga ggagagcgcc ttggaacgcc gacctgaaac catctctgag cccaagacct      300
atgttgacct aaccaatgaa gaaacaactg attccaccac ttctaaaatc agcccatctg      360
aagatactca gcaagaaaat ggcagcatgt tctctctcat tacctggaat attgatggat      420
tagatctaaa caatctgtca gagagggctc gaggggtgtg ttctactta gctttgtaca      480
gcccagatgt gatatttcta caggaagtta ttccccata ttatagctac ctaaagaaga      540
gatcaagtaa ttatgagatt attacaggtc atgaagaagg atatttcaca gctataatgt      600
tgaagaaatc aagagtgaaa ttaaaaagcc aagagattat tccttttcca agtaccacaaa      660
tgatgagaaa ctttttatgt gtgcatgtga atgtgtcagg aatgagctt tgccttatga      720
catcccattt ggagagcacc agagggcatt ctgcggaacg aatgaatcag ttaaaaatgg      780
ttttaaagaa aatgcaagag gctccagagt cagctacagt tatatttgca ggagatacaa      840
atctaaggga tcgagagggt accagatgtg gtggtttacc caacaacatt gtggatgtct      900
gggagttttt gggcaaacct aaacattgcc agtatacatg ggatacaca atgaactcta      960
atcttggaat aactgctgct tgtaaaactt gttttgatcg aatatttttc agagcagcag      1020
cagaagaggg acacattatt ccccgaagtt tggaccttct tggattagaa aaactggact      1080
gtggtagatt tcctagtgat cactggggtc ttctgtgcaa cttagatata atattgtaaa      1140
atgcttttca agtgtggggt ttgcccgtat tgttgcaaat acaatttcca ccttctggaa      1200
aggtagggtt gctgtggagg aaataatgta ctagatcatt gtcacagaaa aaccaactat      1260
gatttatggg tgtgttttca gaattcaaca ttaagatta atgtttattt aaacgaacac      1320
attcctgcat tcaggatgtg aggccattta ataaaaaggg cacaagcct gtcagagttt      1380
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gaaaacataa gagattattg agttcttggg actggatcct ttatttcata agttcagatc      1560
atcttaaatg aaaatgccat gattatctgc agttaagtag atgacagcta ttctacatca      1620
gacttgattt ttgtcagcta attacataat tggtaagcta taattgaaac cttatggctt      1680
aaaattcctt aactcctttt tgattcatgt ttgtagtcat gttgtcaaca gaggcaaagt      1740
taagcttgat gatggttaaa atcggtttga tagcaccatg ggacattttt ctaacacaaa      1800
taaatgcatg aagagacata gccttttagt tttgctaatt gtgaaatgga aatgctttac      1860
aggaagtaaa tgcaaattac ttttaagtgt gctttaaaga aaaatatattt cccacacaga      1920
gaaatttaaa taaagaattt tatttgttaa aaaaaaaa      1958

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<210> 8296  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (172)...(590)  
 <223> similar to gi3153876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8296

gcgagccgag	acggctacat	ggacgccact	atcgccccgc	accgtatccc	ccccgagatg	60
ccccagtacg	gggaggagaa	ccacatcttc	gagttgatgc	aggcaatgtg	gctctgcaaa	120
catctgaaca	gcagtctcct	cacctggag	aacctgatct	taaatgagtt	ttcctatacg	180
gccaccgaag	ccagaaggct	ttatctgcaa	aggaagacag	ttcccagcgc	gctgctcgtc	240
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cacgtcattg	tgctgagtgc	tccagacacg	gtcctgatcg	agagaaactt	ggggaagaga	420
atcgaccctc	aaactggaga	gatttatcac	accacctttg	actggccacc	cgaatctgaa	480
atccagaacc	gtctcatggt	gccagaggac	atctcagagc	tggagacggc	tcagaaactg	540
ctggagtatc	ataggaacat	cgtcaggggc	attccctcct	accccaaaat	cctcaaagtc	600
atcagtgtctg	accagccatg	tgtggacgtc	ttctaccagg	ctctgacctt	tgtccaaagc	660
aaccatcgta	ctaattgccc	gttcaccccg	aggggtgctgc	tgctcggggc	tgtgggcagt	720
g						721

<210> 8297  
 <211> 1806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1539)...(477)  
 <223> similar to gi458542 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8297

ggaattcctt	gtggctgggg	actaaggagg	aaagattaag	gggtatggct	gaattcccc	60
gtcaccctt	gcccctcaggc	ttccttcttc	ctttcccttt	ggctaattcct	gcatgggatt	120
agctgaccat	cctgttttcc	atcccagagc	ctcccaaggc	tgggaaagta	gggctgaagg	180
gctagatggt	tggtctcagg	aagtggggcc	caccattcc	cagaaggagc	ttctttacct	240
cttagccctg	aggtttccct	cttcccatct	tctgtgcttc	cagagaacaa	ctttgttccct	300
atggtcaccc	ccactatccc	catgaccgca	tgaagaggca	gttattgctt	tagtctttca	360
ttgcaaccac	tgggctccct	ttgaaccggg	cccaatcttt	ggctcccagca	ttttcccact	420

ccagtgtatc	caggggtgttc	caggtgagct	ggggaaggaa	gtgagcatgg	cctcagctgc	480
agatctcctg	gagcagcggc	atcatggcag	acaggccctg	gatgtgctgg	atttggtacc	540
cgtaggcctc	attaatgctc	cggagctcag	ccagcaggcc	tagcaacttc	gcatacagaa	600
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gttttcgtag	tgttccatgg	aagtgaagaa	gcaactccaa	aaactctacc	tggaaaccca	840
cacgggctcc	atcttcaatt	gtgtagcgaa	gaggcccgc	gaggaagttt	tgtgtttgga	900
gacagaaagt	ggtattgagt	acgatgtgac	agatttccac	agctgctccc	ttgagaaggg	960
agatctggtc	ttcaatgggc	agggaaacgga	agacgggcag	gtccttagta	aacttgatga	1020
cttgcagtac	catgaaagtg	ttgatgtctg	cgaagtgtgt	gaccagaggc	agcacagggg	1080
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cttcttgctc	cttactcagt	tgcacagggtg	tttgctgtgc	ccgccgctgg	gcctgctttg	1260
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attggagtta	ggattatcat	ccctcctgct	gcccagcagt	ggtcagtcac	ttttcatgag	1740
ggatggacta	ggaaaatgaa	gtgtctatta	taaggagagt	tcctgtaact	taaggagcaa	1800
gtcac						1806

<210> 8298

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (164)...(1403)

<223> similar to gi512485 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8298

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cacgttttcgg	ggggcagctg	gcactgtgat	tcctgcccc	tgagtgccta	gaggcacgga	120
gccaccaggg	atcacccac	gtgggacaca	gggcttgggg	aggatggggc	aggaccagac	180
caagcagcag	atcgagaagg	ggctccagct	gtaccagtc	aaccagacag	agaaggcatt	240
gcaggtgtgg	acaaaggtgc	tggagaagag	ctcggacctc	atggggcgct	tccgcgtgct	300
gggctgcctg	gtcacagccc	actcggagat	gggccgctac	aaggagatgc	tgaagttcgc	360
tgtggtccag	atcgacacgg	cccgggagct	ggaggatgcc	gacttcctcc	tggagagcta	420
cctgaacctg	gcacgcagca	acgagaagct	gtgcgagttt	cacaagacca	tctcctactg	480
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cgagaaggcc	ctgcgtacg	cgcacaacaa	tgatgacacc	atgctcgagt	gccgcgtgtg	660
ctgcagcctg	ggcagcttct	atgccaggt	caaggactac	gagaaagccc	tgttcttccc	720
ctgcaaggcg	gcagagcttg	tcaacaacta	tggcaaaggc	tggagcctga	agtaccaggc	780

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cctgctcttt	ctccactgca	cgccagaggc	ccatttactc	ctggggcgagc	tgccaggctcg	1500
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<210> 8299

<211> 1585

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(1295)

<223> similar to gi3724099 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8299

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aacctcatcc	gggagcggtc	tcagcagcag	gagcccttgc	tgtgccccag	ttaccagtc	360
tattttaaga	ccattgagga	gctccagcag	aagatcctgt	gtaccaagtc	tgagaatgcc	420
aggcttgttg	tgcatatcga	caacgccaag	ctggctgcgg	atgatttcag	aaccaagtac	480
cagaccgagc	tgctcctgcg	gcagctgggtg	gagtcggaca	tcaacggtct	gcgcaggatc	540
ctggatgagc	tgacctgtg	caagtccgac	ctggaggccc	agggtggagtc	cctgaaggag	600
gagctgctct	gcctcaagag	caaccatgag	caggagggtca	ataccctgcg	ctgccagctt	660
ggagaccgcc	tcaatgtgga	ggtggatgct	gctcccactg	tggacctgaa	tcgggtgctg	720
aacgagacca	ggagtcagta	tgaggccctg	gtggaaaacca	accgcaggga	agtggagcaa	780
tggttcacca	cgcagaccga	ggagctgaac	aagcagggtg	tatccagctc	agagcagctg	840
cagtccatcc	aggcggagat	catcgagctg	agacgcacag	tcaacgccct	ggagatcgag	900
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gaaaacatca	tttgcattggc	tggagttgcc	cgcgtaaggc	agccaagaaa	ctcaccctaaa	1440
gcctgtagcc	tccccaacta	ctccagactg	tcctgctcac	cctttccttc	ctgggggtct	1500
gttccttctt	atgctcacc	agagaactct	ctgatgtgcc	agtggccctc	ccttttaacc	1560
tcctaataaa	tatcatttcc	ttggc				1585

<210> 8300

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (69)...(365)

<223> similar to gi165924 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8300

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ccatctgctc	ctctgacaaa	tcctgccgct	gtggagtctg	cctgcccagc	acctgcccac	180
acacagtttg	gttactggag	cccacctgct	gtgacaactg	tccccaccc	tgccacattc	240
ctcagccctg	cgtgcccacc	tgcttctctg	tcaactcctg	ccagccaact	ccaggcctgg	300
agacctcaa	cctcaccacc	ttcactcagc	cctgctgtga	gccctgcctc	ccaagaggct	360
gctaattgat	ggctactttg	ctcagtgcct	gagattgaaa	aagtcaacat	agaagcttta	420
gcattcacct	atctcagtac	ctacaactaa	tgtactctgc	tttagaaatt	ggaacaagga	480
tgag						485

<210> 8301

<211> 2031

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (218)...(1406)

<223> similar to gi434306 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8301

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tactttagaa	ttagttgtta	cattggcagg	aaaaaataaa	tgcatatgtt	ggaccatgtt	180
ggaaaccttg	tcaagacagt	ggattgtctc	acacagaatg	gaaatgtggc	ttctgattct	240

ggtggcgtat	atgttccaga	gaaatgtgaa	ttcagtacat	atgccaaacta	aagctgtgga	300
cccagaagca	ttcatgaata	ttagtgaat	catccaacat	caaggctatc	cctgtgagga	360
atatgaagtc	gcaactgaag	atgggtatat	cctttctgtt	aacaggattc	ctcgaggcct	420
agtgcacact	aagaagacag	gttccaggcc	tgtggtgtta	ctgcagcatg	gcctagtgtg	480
aggtgctagc	aactggattt	ccaacctgcc	caacaatagc	ctgggcttca	ttctggcaga	540
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gacactctcc	atagaccaag	atgagttctg	ggctttcagt	tatgatgaga	tggctaggtt	660
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tgctggctat	tcacagggca	ccaccatggg	ctttattgca	ttttccacca	tgccagagct	780
ggctcagaaa	atcaaaatgt	attttgcttt	agcaccata	gccactgtta	agcatgcaaa	840
aagccccggg	accaaatttt	tgttgctgcc	agatatgatg	atcaagggat	tgtttggcaa	900
aaaagaattt	ctgtatcaga	ccagatttct	cagacaactt	gttatttacc	tttgtggcca	960
ggtgattctt	gatcagattt	gtagtaatat	catgttaact	ctgggtggat	tcaacaccaa	1020
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aacaacaaca	aatcagtggt	tacagtatgg	atgaaatcta	tgtaagcat	tctcagaata	1980
aggccaagtt	ttatagttgc	atctcaggga	agaaaatttt	ataggatgtt	c	2031

<210> 8302

<211> 5525

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (135)...(4538)

<223> similar to gi30058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8302

tgcaccacg	cgtacgcgga	cgcgtgggat	gacgggcccg	gtgctgaagg	gcagggaaca	60
acttgatggt	gctactttga	actgcttttc	ttttctcctt	tttgacaaaa	gagtcctcatg	120
tctgatattt	agacatgatg	agctttgtgc	aaaaggggag	ctggctactt	ctcgtctctgc	180
ttcatccac	tattattttg	gcacaacagg	aagctgttga	aggaggatgt	tcccatcttg	240
gtcagtccta	tgccgataga	gatgtctgga	agccagaacc	atgccaaata	tgtgtctgtg	300
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accagaaat	tccatttgga	gaatgttgtg	cagtttgccc	acagcctcca	actgctccta	420

ctcgcctcc	taatggtcaa	ggacctcaag	gcccccaaggg	agatccaggc	cctcctggta	480
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aacgaggtgg	ccctggaggga	cctggccctc	agggtcctcc	tggaaagaat	ggtgaaactg	1980
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aaaaa						5525

<210> 8303

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (591)...(1376)

<223> similar to gi4495063 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8303

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aaggagctcg	gaatataaga	acgtcagaac	gagtgacact	aatagtggat	aacactagat	540
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cttttgaata	tagcactatt	aaatgtagag	atctcagtgc	cctaatgcat	gagttatcaa	840
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<210> 8304

<211> 1216

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (144)...(1078)

<223> similar to gi841197 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8304

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ggccatcaca	ttccccttgc	cctatggcgg	ccctcacaga	cctctcattt	atgtatcgct	180
ggttcaagaa	ctgcaatctg	gttggaaccc	tctcagagaa	gtacgtcttc	atcacaggct	240
gtgactctgg	cttcgggaac	ctgctggcca	aacagctggg	tgatcggggc	atgcagggtc	300
tggctgcttg	cttctactgag	gagggatccc	agaaaacttc	gcgggatacc	tcctatcggc	360
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tctaaactgg	ggaggatcaa	tgggtcagtg	gagcctagaa	gtgggggagg	aaggaaggac	1140
cgtggggtca	caaaaggtgg	tatcggttat	cctgggggca	ttggctgcaa	aggaagcttg	1200
gctcacttga	caccca					1216

<210> 8305

<211> 4394

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (151)...(1563)

<223> similar to gi3435201 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8305

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ctggaccgcg	tctgtacga	gtggttcctg	gggaagcgct	ccgaggcgct	ccccgtgtca	180
ggccccatgc	tcatacgaga	ggccaaggac	ttctacgagc	agatgcagct	cactgagccc	240
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gatgcatcca	gtgaaaagca	gtcagccgac	caccagggcg	cggagcagtt	ctgtgcgttt	360
ttcaggagct	tggctgctga	gcacgggctg	tccgccgagc	aggtttataa	cgctgatgag	420
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gattggttcc	atcatatctt	tgtgccctcg	gtgagagagc	acttcagaac	cataggtttg	720
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aaaaaaaaag	gggg					4394

<210> 8306

<211> 2782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

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<222> (1)...(2783)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (77)...(714)
<223> similar to gi31218 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8306
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catcgtcacg ctgctgtcga agatctggaa gacgcgctcc tgcgccggta tttctgggaa      180
aagccagctt ctgtttgcac tggctctcac aactcgttac ctggatcttt ttacttcatt      240
tatttcattg tataacacat ctatgaaggt tatctacctt gcctgctcct atgccacagt      300
gtacctgacg tacctgaaat ttaaggcaac ctacgatgga aatcatgata ccttccgagt      360
ggagtttctg gtggctccctg tgggaggcct ctcatTTTTta gttaatcacg atttctctcc      420
tcttgagatc ctctggacct tctccatcta cctggagtcc gtggctatcc ttccgcagct      480
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ttaataaatt cagtgtgtag cttcaattgg gatagttcca aaagtgaaga ttttgTgagg      1020
aataagtgca aatttttttt ttatttttaa aaattctttg aaactcttaa gtctttgtgt      1080
ctgcaatgaa attgtactcc ttgacagtgg atagattata tattcttcca tccctcaaac      1140
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gacattttaa gtTcacataa tcatctgtaa gacattatgt attttgTgga aatactagaa      1980
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ttgtatgcc	cgccttatga	agcactgttt	cacagttact	ttcacttccc	gaataaaggt	2760
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<210> 8307

<211> 1543

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(1444)

<223> similar to gi4959421 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8307

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cccggctgtc	cgtgagtc	ccttcgctgc	gggacctgct	gccccgcaca	gcgcagctgc	180
ttcgagaggt	ggccccattct	cggcggggcg	ccggcggagg	cgcccccg	ggtcccggcg	240
gctctgggga	ctttctactc	atctacctgg	ccaatctgga	ggccaagagc	aggcaggtgg	300
ccgcgctgct	gcctccccgg	ggccgaagga	gtgccaacga	cgagctcttc	cgggcgggct	360
ccagactcag	gcgacagctg	gccaagctgg	ccatcatctt	cagccacatg	cacgcagagc	420
tgcacgcact	cttccccggg	ggaaagtact	gtggacacat	gtaccagctc	accaaggccc	480
ccgcccacac	cttctggagg	gaaagtgtcg	gagcccgggtg	tgtgctgccc	tgggctgagt	540
ttgagtcctt	cctgggcacc	tgccaccctg	tggaaccagg	ctgcacagcc	ctggccttgc	600
gcaccacat	tgacctcacc	tgcagcgggc	acgtgtccat	cttcgagttc	gacgtcttca	660
ccaggctctt	tcagccatgg	ccaacactcc	tcaagaactg	gcagctcctg	gcagtcaacc	720
acccaggcta	catggccttc	ctcacctatg	atgaggtcca	agagcgtctg	caggcctgca	780
gggacaagcc	aggcagttac	atcttccggc	ccagctgtac	tcgcctgggg	cagtgggcca	840
tcggctatgt	gagctcagat	ggcagcatcc	tgcagaccat	ccctgccaac	aaaccctgt	900
cccaggtgct	cctggaggga	cagaaggacg	gcttctacct	ctaccagat	ggaaagaccc	960
acaaccaga	cctgactgag	ctcgccagg	cagaacccca	gcagcgcac	cacgtgtcag	1020
aggagcagct	gcagctctac	tgggccatgg	actccacatt	tgagctctgc	aagatctgtg	1080
ctgagagcaa	caaggatgtg	aagattgagc	cgtgcgggca	cctgctctgc	agctgctgcc	1140
tggctgcctg	gcagcactcg	gacagccaga	cctgcccctt	ctgccgctgc	gagatcaagg	1200
gctgggaggg	cgtgagtatc	taccagttcc	acggtcaggc	tactgctgag	gactcaggga	1260
acagcagtga	ccaggaaggc	agggagtgtg	agctggggca	ggtgcccctt	tcggctcctc	1320
cattgcccc	acggccagat	ctgcccccca	ggaagcccag	aaatgcccag	ccgaaagtga	1380
gactcctaaa	ggggaaactcc	cctccagctg	cgctgggacc	ccaggaccct	gccccggcct	1440
gaaggccagg	gcaccagat	gtgctgctca	agggagcccc	aagggtctgga	agggggttgt	1500
gaaaccgaaa	taaactgcc	agcctggtct	gccccaaaaa	aaa		1543

<210> 8308

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (88)...(875)

<223> similar to gi5912096 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8308

cgacccacgc	gtccgcccgc	ccagcctgcg	tctgccaatg	attcaggagc	cgctcctttc	60
cactcgggaa	accttcagag	gagtctcaga	aaggacacgg	ctggctgctt	ttctcagcgc	120
cgaagccgcg	ccatgctcgt	cctcagaagc	gccctgactc	gggcgctggc	ctcacggacg	180
ctggcgcttc	agatgtgctc	atcttttgc	acgggaccca	gacaatacga	tggaatattc	240
tatgaatttc	gttcttatta	ccttaagccc	tcaaagatga	atgagttcct	ggaaaatttt	300
gagaaaaacg	ctcatcttcg	gacagctcac	tctgaattgg	ttggatactg	gagtgtagaa	360
tttggaggca	gaatgaatac	agtgtttcat	atttggaggt	atgataattt	tgctcatcga	420
actgaagttc	ggaaagcctt	ggccaaagat	aaggaatggc	aagaacaatt	cctcattcca	480
aatttggctc	tcattgataa	acaagagagt	gagattactt	atctggtacc	atggtgcaaa	540
ttagaaaaac	ctccaaaaga	aggagtctat	gaactggcca	cttttcagat	gaaacctggg	600
gggccagctc	tgtgggggtg	tgcatttaaa	agggcagttc	atgctcatgt	caatctaggc	660
tacacaaaac	tagttggagt	gttccacaca	gagtacggag	cactcaacag	agttcatggt	720
ctttggtgga	atgagagtgc	agatagtcgt	gcagctggga	gacataagtc	ccatgaggat	780
cccagagtgt	tggcagctgt	tcgggaaagt	gtcaactacc	tagtatctca	gcagaatatg	840
cttctgattc	ctacatcggt	ttcaccactg	aaatagtttt	ctactgaaat	acaaaacatt	900
tcattaactg	ctataggatc	tgtctgctaa	tggtgcttaa	attctcccaa	gaggttctca	960
cttttatttg	aaggaggtgg	taagttaatt	tgctatgttt	cttgcatatt	gaaggctaca	1020
tctgtgcttt	gtaagtacca	cttcaaaaaa	tagttctggt	tactttctgc	atggtatttc	1080
agtgtctgtc	atacattaaa	aatacttgtc	actgttttaa	gatcttgact	cttcatttgt	1140
ttcagaatag	ctcttctact	gtattctgac	aactctttgc	tttatagcat	tttgttgtat	1200
tcaaatgata	atggtagcat	ttccatgctt	gtgacagcat	ttttaagtta	ttaatatatt	1260
ttatcaacct	ttccatcatg	tctgtttttc	tggttttttt	tggttggttt	ttgaccagta	1320
aaattttatt	tgtaatacca	aataggattt	aagaaaatta	acgtattttc	ttactatgga	1380
aaaccacatt	gtcattttgt	acatcatcta	tattaaatat	ggttttcaca	ttagttattt	1440
gtcacttact	tggaaaatga	tgctgttagg	tcctggtatt	aaaaatctag	aaaagacttg	1500
ttggtttatg	tgctgaaatg	tctttattta	taattaattt	taactactat	ttacttcatt	1560
tcggatcctg	tttaacaaag	atacttgaga	catccatttg	ttttaatgaa	atctgtatgg	1620
atatggaaat	gcttgcccta	ataaaagcct	acatatacca	aaaaaaaaaa		1669

<210> 8309

<211> 3803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1478)...(2695)

<223> similar to gi5911997 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8309

ctcggaaagtc	gagagaccag	ggcctggcca	gattctccct	gcagaacctc	tagacgattc	60
caagaatgcc	acagggaact	cagcctcagg	cctgggggct	ggcaggaccg	cagaagatac	120
cgtggaagat	gcctgcccag	ccgagggcag	cagggaggcc	agacccaaca	cgcaccccgg	180
ccccggcccc	accccggccg	agctgccctg	gaccaatatt	gacctcaagg	aggccaagaa	240
agtgccacgc	cactcggccg	ctggcttccc	cgagaccacc	agcctctcct	ctctggggct	300
cctcccactg	ggcttggagg	agccgtatgg	ggtggatgac	cacccgctgt	gggcctgggt	360
gtcgggaggc	ggctgcgtgg	tggaggcatg	tgccatgccc	agatggttca	ctgtccaggc	420
gggtaagggc	tctgcagggg	cctgggggca	tccacatggc	caggtgccct	gggggtgtgg	480
ggtgtgggag	gaggccgggg	tcagggggct	cgggcaggcc	tgctgtcctc	cctggacgcc	540
tcactgtgct	cagcagctct	gagccaggca	ttgcgtcctc	ctgtggcctc	cagagaccag	600
cccagagctg	tcaggacctg	gaagcacggt	ggccagtgcc	ccttcccctg	tctgcagccc	660
ctccccctgt	ctagcgggtg	tggctgcttt	ccaggctgaa	ttactggggg	agagcaactc	720
atccatcagg	gcaaagggtg	gaaggaggct	taacagagag	cgtagctttt	gagctagaaa	780
gggctgattt	ggtggagggg	agcgccgtgg	cttccctgcc	agctgcgggc	aggacagtgc	840
ccccggccctg	aggctctctc	tgccccacag	gcctgtcctc	ctcggtagac	atgctgtccc	900
tgcccatcac	gccggcccag	accgctgcct	ggaggaagca	gatcttccag	cagctcacgg	960
aaaggaccaa	gcgggagctg	gagaacttca	gacactacga	gcaggccgtg	gagcagtcgg	1020
tgtgggtgaa	gaccggggcg	ctgcagtggg	ggtgcgactg	gaagccccac	aagtgggtgg	1080
acgtgcgctt	ggccctggag	cagttcacgg	ggcacgacgg	cgtccgggac	agcatcctct	1140
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ggacacggca	gaggtggccg	gtgcgtctgg	ctgctgccac	cgagcaggac	atgaatgact	1320
ggctcgccct	gctcagcctg	tcttgctgcg	agagccggaa	ggtgcagggc	cgcccgtccc	1380
cgcaggccat	ctggtccatc	acctgcaagg	gggacatctt	cgtgagcgag	cccaccaga	1440
cctggaggcc	cacgagcacc	ccctgccctg	cgaccagatg	ttttggcggc	agatgggagg	1500
ccacctgcgg	atggtggagg	ccaacagccg	gggctggttg	tggggcatcg	gctatgacca	1560
cacggcctgg	gtatacacag	gcggctatgg	aggcggctgc	ttccaaggcc	tggccagcag	1620
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ctggaacccc	gtcacaggct	acaccagcag	gggtctgccc	acggaccggt	acatgtggag	1740
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ggcctgggtt	tccgactggt	tcgtggattt	cagcgttccg	gggggcacgg	accagagggg	1860
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ggtgcccccc	atcgccctca	gggacgtgtc	catcatcccc	gagagcccgg	gtgccgaggg	2040
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gggcgtgtcg	gagctcaacc	ctgcgggctc	ctcctggctg	cacgttggca	ccgaccagcc	2160
cttcgcctcc	atctccatcg	gggctgcta	ccaggtgtgg	gccgtggcaa	gggacggctc	2220
cgcttctac	cggggatccg	tgtacccctc	gcagccagcc	ggtgactgct	ggtaccacat	2280
cccgtcccca	ccgagacaga	ggctgaagca	ggtgtcccg	gggcagacgt	cggtgtatgc	2340
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ctccagctgg	gagcacgtgt	ccaacaacgt	gtgccgagtg	tccgtggggc	ccctggacca	2460
ggtctgggtg	atcgccaaca	aagtgcaggg	cagccacagc	ctgagccggg	ggacagtgtg	2520
tcacgcgacc	ggcgtgcagc	ctcacgagcc	caagggccac	ggctgggact	acggcatcgg	2580
gggaggctgg	gaccatatct	ctgtccgggc	caatgccacc	agggcccccc	ggagctcgtc	2640
ccaggagcag	gagccgagtg	ccccaccaga	ggcccattgg	ccgctctgct	gctgaggccc	2700
ccccacacac	ctacatgcag	ggacggtgcc	cagtttgggg	gatcaaggct	gagccattct	2760
tgtgctggag	tgtgcaccgt	gggagcaatg	tggcccagggt	ggactcagga	gggaacctgg	2820
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gggctgcacc	tcccagaggc	ccctcccacc	cttcccttcc	cctctccctt	ctgcctttcc	3000
aggactagaa	ccgggaaacct	ggagccctcc	gggaacgcgg	gccctggggc	agcagagcca	3060
ggatggagcc	ctcctgagct	ggcatctcag	taccaccccg	ggcccggcac	ccctcaccaa	3120
gagagatggc	catggggctc	agggcctctt	atcagtgtgc	agtgaccatt	tctcagagca	3180
ggacttgcaa	agaggcttta	atttcaaaaag	tgaagggaagg	aggccaggcg	ccgtggctca	3240

cgcttgaat	cccagcactt	tgggaggctg	aggtgggcag	atcacctagg	tcaagagttt	3300
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gtggaggttg	cagtgagccg	agatcgcgcc	actgcgttcc	agtctgggca	acagagtga	3780
actccgtcac	acaaaaaaaa	aaa				3803

<210> 8310

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (617)...(113)

<223> similar to gi2979568 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8310

tttttttttt	ttagccgtaa	ccatattttt	ttattgagcc	atttggatgg	gggttagtga	60
taagggagtt	cttactcctc	atcacagtgc	ccctgccaag	gagaggaggc	tcagcatctg	120
ctgcagctag	tggggtaaac	atcccagtgc	aggccaatgg	catcgatgag	agaaccagac	180
cggccactga	tgaagcggag	cacggtgttg	gggtgcaagg	ggacggcatt	gaaacttggtg	240
ccactgtctt	tcccaaaaaga	cagatagcgg	cccttgtctg	tcacaaatac	cagcttcttc	300
aggtaccact	tgtacttccc	agaaacctgg	atcactgatt	ccccaggggtg	cagaaagatc	360
tcctccaggt	ctccgttgcg	accacccaca	tagtcgctcc	acaccttgcc	atagcgcacc	420
tgaagacctt	cgatgtagta	tgtgttgact	cggacccgga	gggcggtgat	ggggccgtcc	480
aactggttgc	cagaatgaga	gaatcgcttt	ccaccaccac	ttccatactc	tccactatag	540
gaggaagacc	tggcctgaat	ggcattgcc	gaggctgagg	cacagagaag	ggctaggaga	600
gcgactgtca	acattctggg	gctggggagc	aaagtgtgtg	acagaaggaa	ctgtgccagc	660
accagtatcc	aagcagtgtc	ggtggaacta	ggacagacag	agaagtgtga	gaaggagtgc	720
ggaccagctc	aagatattag	accccagggtg	cctggtctat	gtgtcacttc	ttttctccac	780
taacacacat	ctggccattt	ctattctcct	gaacatccca	ggtgtcccca	gtccttccgg	840

<210> 8311

<211> 1037

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (849)...(787)



<223> similar to gil401301 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8311
gccttttccct ctcccaggtg cgcttccctg cttgatctgt gtaccctgct ctttctcctt    60
cattccgcag cctcctttgc cctgtgacct gcaggtactg gacggtcctt agagaggata    120
ccgggacgct cctgaagccg cgagatgatt tcaagcagat gcagcctgac cattagggcc    180
aaggccaaat tgcaaaaaaa aaaaaagttg gcctttattc tactccatcc acatctaaac    240
tttggaggcc agggctgggg acagatcaaa aaacatagtt ccctccttct ggggctccac    300
atccttcatt cactgatctt tggaaaggag gatgggtggc aggatgggtc ttccatgata    360
ctgaaggagg agccacatgt tgatgcccag gaccagctgc ctccttgggtc tgaaaggcct    420
gatcgaggcc aggattggct atgagagctg ggaaatggga ccatctttga agccatggga    480
gagggtgaga gccaccatca ctcatgttct tgaatgggaa ctgcctggag accctgaaga    540
agaaggagcc tgaaggagga aggaggaggc tgagccatcc cgggaacatg ggctggatga    600
ggccaagcca ggagacgaca ccaccagata gaagtcacca ttcaggattt ggacttttct    660
gtggagatcc tggccccgag atcgaaccct tctccctgtg ggtgttcccg caggagatgg    720
tgctggagat ccaccagctg ttcattggacc atgaataccc atgtcaccac atcacttctc    780
actgcacctg ggtggcagca cactggacca cgtctcagag ctgcgcagca tggcagggtc    840
gcaggcgggc ttgctgctcc acgtggtgga agagccctgc acaatgcaca agggccacgg    900
tgatgagtgc cacatttgag actgctcagg agcctggacc cagctgatgc agctccttgt    960
ccttcctgag cgtcttcact gacagaggcc tgagagacgg caggagcaga aagacttgga   1020
gatggacccc accgact                                     1037

```

<210> 8312

<211> 2587

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(1387)

<223> similar to gi5932438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8312
agatgccgga ccgctccttc ccagctcctc cccgtgctcg ctaacacagc acggccgcct    60
gcagtctcct ctctgggaga tcgcgcgggc ctaagatgtg tcctggggca ctgtgggtgg    120
ccctgccccct gctgtccctg ctggctggct ccctacaggg gaagccactg cagagctggg    180
gacgaggggtc tgctggggga aacgcccaca gccactggg ggtgcctgga ggtgggctgc    240
ctgagcacac cttcaacctg aagatgtttc tggagaacgt gaaggtggat ttctgcgca    300
gccttaacct gagtgggggtc ctttcgcagg acaaaaaccag ggtggagccg ccgcagtaca    360
tgattgacct gtacaacagg tacacgtccg ataagtcgac tacgccagcg tccaacattg    420
tgcggagctt cagcatggaa gatgccatct ccataactgc cacagaggac tcccccttcc    480
agaagcacat cttgctcttc aacatctcca ttcctaggca tgagcagatc accagagctg    540
agctccgact ctatgtctcc tgtcaaaatc acgtggaccc ctctcatgac ctgaaaggaa    600
gcgtgggtcat ttatgatgtt ctggatggaa cagatgcctg ggatagtgtc acagagacca    660
agaccttcct ggtgtcccag gacattcagg atgagggctg ggagaccttg gaagtgtcca    720

```

gcgccgtgaa	gcgctgggtc	cggctccgact	ccaccaagag	caaaaataag	ctggaagtga	780
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gaaacctgcc	cttctttgtt	gtcttctcca	atgaccacag	cagtgggacc	aaggagacca	900
ggctggagct	gagggagatg	atcagccatg	aacaagagag	cgtgctcaag	aagctgtcca	960
aggacggctc	cacagaggca	ggtgagagca	gtcacgagga	ggacacggat	ggccacgtgg	1020
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agacctccct	gcgggtaaac	ttcgaggaca	tcggctggga	cagctggatc	attgcaccca	1140
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gcaaggcctg	ctgtgtgccc	accaaactga	gccccatctc	cgctctctac	aaggatgaca	1320
tgggggtgcc	cacctcaag	taccattacg	agggcatgag	cgtggcagag	tgtgggtgca	1380
ggtagtatct	gcctgcgggg	ctggggaggc	aggccaaagg	ggctccacat	gagaggctct	1440
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gggaaggcta	aggaaatggg	gatttgagca	caacaggaaa	gcctgggagg	gttggtggga	1620
tgcaaggagg	tgatgaaaag	gagacagggg	gaaaaataat	ccatagtcag	cagaaaaaca	1680
cagcagtga	ccagaggagc	acaggcgggc	aggctactgc	agagactgat	ggaagttaga	1740
gaggtggagg	aggccagctc	gctccaaaac	ccttggggag	tagagggaag	gagcaggccg	1800
cgtgtcacac	ccatcattgt	atgttatctt	ccacaaccca	gttggagggg	catggcttcc	1860
aatttagaga	cataaaacac	aggcagatca	agtagcattg	atcaatggca	tgattccaac	1920
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gtcctctcca	gctaaagagc	agtgagacat	tgggagccca	ggagtgttga	ggccaggcca	2040
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ggccactgtt	gccagtgtc	actcagcggc	caaagtcttt	ttaatatgac	ccctgaggca	2160
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gggccgggca	cactttcccc	tgagggatgg	ggcagcctgt	ggccagcacc	tctgcagtta	2400
ctctgcatag	ccagctcacc	agcatgccat	gcccagggtg	ccccccagt	acaacctcat	2460
gggagacggg	cctggatttg	aatttggttg	aattaaatgt	gctctggctt	tggcttttga	2520
aacatatcta	tttttattcc	ttggtgacat	gtccttaagt	gacaagactc	cagccttctc	2580
gggcgag						2587

<210> 8313

<211> 1927

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(457)

<223> similar to gi5771420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8313

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aaatgcccac	cctctcctac	tggccctacg	gctgtcactg	cggactaggt	ggcagaggcc	180
aacccaaaga	tgccacggac	tggtgctgcc	agacccatga	ctgctgctat	gaccacctga	240
agaccaggg	gtgcggcatc	tacaaggact	attacagata	caacttttcc	caggggaaca	300

tccactgctc	tgacaagggg	agctgggtgtg	agcagcagct	gtgtgcctgt	gacaaggagg	360
tggccttctg	cctgaagcgc	aacctggaca	cctaccagaa	gcgactgcgt	ttctactggc	420
ggccccactg	cggggggcag	acctctgggt	gctagaagcc	cacacctct	acctgttcc	480
tcagcatgga	gctctggcat	ccccacctca	gtatctaacc	tgaaccagcc	tggcttttca	540
aacactccgg	ggggaggtag	tcccagcctc	ccccggaaacc	ctctaccaat	gccttctgac	600
cttctgaagc	tttccgaatc	ctcccagttg	aggcagtagc	tgtgtcctct	gaggggtggat	660
gggaatcttg	ggagaagccc	aagcaaggga	gccctcagag	gtgggtgttg	gaccaaagca	720
tcgggggtggg	ggaggggtct	gccgtgtcc	cccacctgct	ggcccccttg	tccttcctca	780
ccccctccaa	tatagtctcg	gagctacaac	cgcagcagcc	actataaagg	gcaatattga	840
tctttctgtc	catgtggctc	tatcttttaa	aacctcaagg	ccctccactg	tcctaagata	900
aagcctctca	taggcactgg	ggacctgca	cagtctggcc	atgtgacct	ctccccaggc	960
aagctctgaa	gtccctgcag	gtggaggcca	tgctgtctt	aaactcagtt	gcacccctgg	1020
tgcccaaagc	aacaccagaa	ccaagaagga	gctccataaa	tccttcttgg	gtgaagccta	1080
gacaaagccg	ccaggtcttg	tggctccagg	caccagagcc	ttgagtactt	tctcctgcct	1140
ccaggcattg	gctcaggggtg	aattacaagg	ggctactgaa	tggctattac	tttcatcacg	1200
actgatcccc	acctcctcag	gggtcaaagg	ctactttctg	gaagtctccc	cagggtgact	1260
ccttctccct	gactgcaagg	gctcactccc	tcctccaagc	tcccacaatg	cttcatggct	1320
ctgccgctta	cctagcttgg	cctagagtgg	caaatggaac	ttctctgata	tcccccaact	1380
agactggagc	ccccgaagga	tggagaccat	gtctgtgcca	tctctgtttc	ccctgttttc	1440
ccacatacta	ggtgctcaat	tcatgcctgt	gaatggcgtg	agcccataat	ggatacacag	1500
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ccctgagtga	ggccagggtg	tggcagccaa	ctgctccaat	ctgcctcctt	cccctaaata	1620
ctgccctggg	ctagtgggag	ctgccttccc	cctgccccac	ctctcccacc	aagaggccac	1680
ctgtcactca	tggccaggag	agtgcacca	tggaggggtac	aattgccagc	tcccccggtg	1740
ctgtgcagca	ttgtctgggt	tgaatgacac	tctcaaattg	ttcctgggat	cgggctgagg	1800
ccaggcctct	cctggaacca	cctctctgct	tgggtctgacc	ccttggccta	tccagttttc	1860
ctggttccct	cacaggtttc	tccagaaagt	actccctcag	taaagcattt	gcacaagaaa	1920
aaaaaaa						1927

<210> 8314

<211> 1100

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (186)...(872)

<223> similar to gi2239182 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8314

ggcacgaggc	gagctggatg	tccaggctgc	gggcgctgct	gggcctcggg	ctgctgggtg	60
cgggctcgcg	cctgccgcgg	atcaaaagcc	agaccatcgc	ctgtcgctcg	ggaccacact	120
ggtggggacc	gcagcggctg	aactcgggtg	gccgctggga	ctcagaggtc	atggcgagca	180
cgggtgtgaa	gtacctgagc	caggaggagg	cccaggccgt	ggaccaggag	ctatttaacg	240
aataccagtt	cagcgtggac	caacttatgg	aactggccgg	gctgagctgt	gctacagcca	300
tcgccaaggc	atatccccc	acgtccatgt	ccaggagccc	ccctactgtc	ctggtcattc	360
gtggcccggg	gaataatgga	ggagatggtc	tgggtctgtg	tcgacacctc	aaactctttg	420
gctacgagcc	aaccatctac	taccccaaaa	ggcctaacaa	gccccctctt	actgcattgg	480
tgaccagtg	tcagaaaaatg	gacatccctt	tccttggggg	aatgcccgc	gagcccatga	540

cgattgatga	actgtatgag	ctggtggtgg	atgccatctt	tggcttcagc	ttcaagggcg	600
atgttcggga	accgttccac	agcatcctga	gtgtcctgaa	gggactcact	gtgcccattg	660
ccagcatcga	cattccctca	ggatgggacg	tggagaaggg	aaatgctgga	gggatccagc	720
cagacttgct	catctccctc	acagccccc	aaaaatctgc	aaccagttt	accggtcgct	780
accattacct	gggggggtcgt	tttgtgccac	ctgctctgga	aaagaagtac	cagctgaacc	840
tgccacccta	ccctgacact	gagtgtgtct	atcgtctgca	gtgaggggaag	gtgggtgggt	900
attctcccca	ataaagactt	agagcccctc	tcttccagaa	ctgtggattc	ctgggagctc	960
ctctggcaat	aaaagtcagt	gaatggtgga	agtcagagag	caaccctggg	gattgggtgc	1020
catctctcta	ggggtaacac	aaagggcaag	aggttgctat	ggtattttgga	aacaatgaaa	1080
atggactggt	aaaaaaaaa					1100

```

<210> 8315
<211> 632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(299)
<223> similar to gi30155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8315						
tccttgcgca	ccgggggaaca	aggctcgtgaa	aaaaaagggtc	ttggtgaggt	gccgccattt	60
catctgtcct	cattctctgc	gcctttcgca	gagcttccag	cagcggtatg	ttgggccaga	120
gcatccggag	gttcacaacc	tctgtggtcc	gtaggagcca	ctatgaggag	ggccctggga	180
agaatttgcc	attttcagtg	gaaaacaagt	ggtcgttact	agctaagatg	tgtttgtact	240
ttggatctgc	atttgctaca	cccttccttg	tagtaagaca	ccaactgctt	aaaacataag	300
gatgtttcag	ttcctccatt	taacagatat	gaagagcatt	ttaagagggtg	cagcctctgg	360
aagtggatca	aactagaact	catatgccat	actagatatg	tttgtcaata	aacttatgac	420
gtgaatgctt	aatgcctctt	ttttgaaata	gggaatgtaa	taattgggcc	attttgcccta	480
ctttattatt	tgggtaacat	tccagtatta	ctctctgtga	tttagcttat	ttaatgggtgt	540
taaactgagg	ttatattaaa	tttttgattc	ccaggtcagg	attttggttg	taatttatat	600
aataaaaagg	aaatacaaat	cgaaaaaaaa	aa			632

```

<210> 8316
<211> 2309
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(1679)
<223> similar to gil228085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8316
ctggaccgat ccgcaattcc aggatcgacg atttcgtggg tggagaccca cgagccgagg      60
cctcctgcag tgttctgcac agcaaaccgc acgctatggc tgacagccgg gatcccgccca     120
gcgaccagat gcagcactgg aaggagcagc gggccgcgca gaaagctgat gtcctgacca     180
ctggagctgg taaccagta ggagacaaac ttaatgttat tacagtaggg ccccggtgggc     240
cccttcttgt tcaggatgtg gttttcactg atgaaatggc tcattttgac cgagagagaa     300
ttcctgagag agttgtgcat gctaaaggag caggggcctt tggctacttt gaggtcacac     360
atgacattac caaatactcc aaggcaaagg tatttgagca tattggaaag aagactccca     420
tcgcagttcg gttctccact gttgctggag aatcgggttc agctgacaca gttcgggacc     480
ctcgtggggt tgcagtgaag ttttacacag aagatggtaa ctgggatctc gttggaaata     540
acacccccat tttcttcata agggatccca tattgtttcc atcttttatc cacagccaaa     600
agagaaatcc tcagacacat ctgaaggatc cggacatggg ctgggacttc tggagcctac     660
gtcctgagtc tctgcatcag gtttctttct tgttcagtga tcgggggatt ccagatggac     720
atcgccacat gaatggatat ggatcacata ctttcaagct ggттаатgca aatggggagg     780
cagttttattg caaattccat tataagactg accagggcat caaaaacctt tctgttgaaг     840
atgcggcgag actttcccag gaagatcctg actatggcat ccgggatctt tttaacgcca     900
ttgccacagg aaagtacccc tcctggactt tttacatcca ggtcatgaca tttaatcagg     960
cagaaacttt tccatttaat ccattcgatc tcaccaaggt ttggcctcac aaggactacc    1020
ctctcatccc agttggtaaa ctggtcttaa accggaatcc agttaattac tttgctgagg    1080
ttgaacagat agccttcgac ccaagcaaca tgccacctgg cattgaggcc agtcctgaca    1140
aaatgcttca gggccgcctt tttgcctatc ctgacactca ccgccatcgc ctgggaccca    1200
attatcttca tatacctgtg aactgtccct accgtgctcg agtggccaac taccagcgtg    1260
acggcccgat gtgcatgcag gacaatcagg gtggtgctcc aaattactac cccaacagct    1320
ttggtgctcc ggaacaacag ccttctgcct tggagcacag catccaatat tctggagaag    1380
tgcggagatt caacactgcc aatgatgata acgttactca ggtgcgggca ttctatgtga    1440
acgtgctgaa tgaggaacag aggaaacgtc tgtgtgagaa cattgccggc cacctgaagg    1500
atgcacaaat tttcatccag aagaaagcgg tcaagaactt cactgaggtc caccctgact    1560
acgggagcca catccaggct cttctggaca agtacaatgc tgagaagcct aagaatgcga    1620
ttcacacctt tgtgcagtcc ggatctcact tggcggcaag ggagaaggca aatctgtgag    1680
gccggggccc tgcacctgtg cagcgaagct tagcgttcat ccgtgtaacc cgctcatcac    1740
tggatgaaga ttctcctgtg ctagatgtgc aaatgcaagc tagtggcttc aaaatagaga    1800
atcccacttt ctatagcaga ttgtgtaaca attttaatgc tatttcccca ggggaaaatg    1860
aaggttagga tttaacagtc atttaaaaaa aaaatttgtt ttgacggatg attggattat    1920
tcatttaaaa tgattagaag gcaagtttct agctagaaat atgattttat ttgacaaaat    1980
ttgttgaaat tatgtatgtt tacatatcac ctcatggcct attatattaa aatatggcta    2040
taaatatata aaaagaaaag ataaagatga tctactcaga aattttttatt tttctaaggt    2100
tctcatagga aaagtacatt taatacagca gtgtcatcag aagataactt gagcaccgtc    2160
atggcttaat gtttattcct gataataatt gatcaaattc atttttttca ctggagttac    2220
attaatgtta attcagcact gatttcacaa cagatcaatt tgtaattgct tacattttta    2280
caataaataa tctgtacgta aaaaaaaaaa                                     2309

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<210> 8317

<211> 1490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (67)...(1413)

<223> similar to gi202215 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8317
gaattcccgg gtcgacgatt tcgttggtcac cccgactcaa cgtgagacgc accgcccgga      60
ctcaccatgc gtgaatgcat ctcagtcacac gtggggcagg caggtgtcca gatgggcaat      120
gcctgctggg agctctattg cttggaacat gggattcagc ctgatgggca gatgcccagt      180
gacaagacca ttggtggagg ggacgactcc ttcaccacct tcttctgtga aactggtgct      240
ggaaaacacg taccgccggc agtttttgtg gatctggagc ctacggtcat tgatgagatc      300
cgaaatggcc cataccgaca gctcttcac ccagagcagc tcatcactgg gaaagaggat      360
gctgccaaac actatgcccg tggctactat accattggca aggagatcat tgaccagtg      420
ctggatcgga tccgcaagct gtctgaccag tgcacaggac ttcagggtct cctggtgttc      480
cacagctttg gtgggggcac tggctctggc ttcacctcac tctgatgga gcggctctct      540
gttgactatg gcaagaaatc caagctggaa ttctccatct acccagcccc ccagggtgtct      600
acagccgtgg tcgagcccta caactctatc ctgaccaccc acaccacct ggagcactca      660
gactgtgcct tcatggtgga caacgaagca atctatgaca tctgccgccg caacctagac      720
atcgagcgcc caacctacac caacctcaat cgctcatta gccaaattgt ctctccatc      780
acagcttctc tgcgctttga cggggccctc aatgtggacc tgacagagtt ccagaccaac      840
ctggtgcctt accctcgcat ccacttcccc ctggccacct atgcaccagt catctctgca      900
gaaaaggcat accacgagca gctgtcgggt gcagagatca ccaatgcctg ctttgagcct      960
gccaaccaga tggtaaagtg tgatccccgg caccgcaagt acatggcctg ctgcctgctg     1020
taccgtggag atgtggtgcc caaggatgtc aacgctgcc aatggcccat caagaccaag     1080
cgcagcattc agtttgtgga ctggtgcccc acaggcttca aggttggtat caactaccag     1140
cctcccactg tgggtgcctgg ggggtgacct gccaaaggtg agcgtgccgt gtgcatgctg     1200
agcaacacga ccgccatcgc cgaggcctgg gccgcctgg accacaagtt cgacctgatg     1260
tatgccaaag gggcgtttgt gcaactggtat gtgggtgagg gcatggagga ggggtgagttc     1320
tccgaggccc gtgaggatat ggctgccttg gagaaggatt atgaggaggt gggcatcgac     1380
tcctatgagg acgaggatga gggagaagaa taaagcagct gcctggagcc tattcactat     1440
gtttattgca aaatccttcc gaaataaaca gtttccttgc aaaaaaaaaa     1490

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<210> 8318

<211> 1491

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (148)...(973)

<223> similar to gi4104922 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8318
gcccccgga gctgtgctct atggagctat tgcggccgtg ggtggtcgcg ggcgatgcgg      60
ggctgccagc tcctcggggt tcgtagctct tggcccgggg acctactaag tgctcggctc     120
ttgtcccaag agaagcgggc agcgaaacg cactttgggt ttgagactgt gtcggaagag     180
gagaaggggg gcaaagtcta tcagggtgtt gaaagtgtgg ctaagaagta tgatgtgatg     240
aatgatatga tgagtcttgg tatccatcgt gtttggaagg atttgctgct ctggaagatg     300
caccgccttc ctgggaccca gctgcttgat gttgctggag gcacaggtga cattgcattc     360

```

cggttcctta	attatgttca	gtcccagcat	cagagaaaac	agaagaggca	gttaagggcc	420
caacaaaatt	tatcctggga	agaaattgcc	aaagagtacc	agaatgaaga	agattccttg	480
ggcgggtctc	gtgtcgtgg	gtgtgacatc	aacaaggaga	tgctaaaggt	tggaaagcag	540
aaagccttgg	ctcaaggata	cagagctgga	cttgcatggg	tattaggaga	tgctgaagaa	600
ctgccctttg	atgatgacaa	gtttgatatt	tacaccattg	cctttgggat	ccggaatgtc	660
acacacattg	atcaggcact	ccaggaagct	catcgggtgc	tgaaccagg	aggacggttt	720
ctctgtctgg	aatttagcca	agtgaacaat	cccctcatat	ccaggcttta	tgatctatat	780
agcttccagg	tcacccctgt	cctgggagag	gtcatcgctg	gagactggaa	gtcctatcag	840
taccttgtag	agagtatccg	aaggtttccg	tctcaggaag	agttcaagga	catgatagaa	900
gatgcaggct	ttcacaagg	gacttacgaa	agtctaacat	caggcattgt	ggccattcat	960
tctggcttca	aactttaatt	cctttcctat	catggagcat	gaaccagtca	tatcctgttg	1020
aaagcctgga	actgaaggat	aatctggcaa	atgagacagc	agcagagcat	ctcctcttaa	1080
ggatacgtgc	cttggaactca	tgtttgaatc	gaacagtctc	aaagtggaag	aacaaattct	1140
tgtcactttt	ttacagcttt	ctttggagct	gcttcagtcc	atctcccaga	ggcatttggt	1200
ctgtatcttt	gctcaactgc	taatttctct	tggctgtagg	gtgtgtggtt	aaggtacaac	1260
caccctctaa	gctcagtttt	gaagtgaatg	tatttatatt	ttctctgctg	gtgctgcctt	1320
ctagagggat	gatagatcat	ttgaaccctaa	tgacaatttt	taaccagaaa	atttaattgt	1380
acctgaatca	accttttcagc	ctaggacgaa	gtctaggccc	aagtcagagt	attaatgatc	1440
atgagaattg	tgtgctgaac	cagtaaacga	gtttaccttt	taaaaaaaaa	a	1491

<210> 8319

<211> 1651

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1429)...(999)

<223> similar to gi2062678 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8319

tttttttttt	ttccatttca	aacaataact	tttattttat	acttctctat	actttgtagc	60
aaatcttttt	ttgctgaatt	taatttataa	taaacttttt	aaattacatc	tctctctctt	120
ttttttttaa	atcaaggctc	ttttatgtca	aaatcttttt	ttagctatat	tttagattaa	180
catttaacat	cccccccttg	tgatctatac	cgttggatat	tcagggtatta	ctgtgtgtgt	240
aacagctaaa	acaagaggga	ggagggaaaa	taaaggcagt	gaacttggac	ggatgcatca	300
acaacagcag	ataaagctaa	cccctcagtg	accatagcag	catgtcttct	ggaagccttt	360
actcttacct	cagagatttc	ctcagcccct	ttccctctct	ccctcctatc	ctcccaaaca	420
caaaggccca	acagtctgtc	ctttcgcttt	tcttgaggag	aaatgtgcag	tggaaatgat	480
caaaaacaaga	tactgtggaa	gaacgacgtg	agcgtgaatt	attcaccgta	tgtttcgtcc	540
gtggacatct	ctcttgaatt	cattcccctg	gccttctcct	ctcctcgcct	tcctattagg	600
aggagcccat	cattttttcat	gttactagca	tgattaatat	agtaggtggc	ccagggccgt	660
tcctgagatt	cttttgccaa	caaaaaaaat	taataataat	aaaattaaaa	aatgggggtg	720
gtttgccgtt	ttcttatttg	tgtgtgaaga	cggactaaag	ctgaggtccg	attttggtcg	780
tgcttgcttg	ctcactgatt	ggtaacattt	ggcaaataaa	acacaagaaa	tcaaacgaaa	840
taaaaaagag	aatcaggatt	tcccacaatc	ctatatgagt	gttttcagca	tcacagagaa	900
tcacaacgtc	cccaaagaac	taatggatct	tctctctgat	ttccgggagc	atggagttag	960
tgtgggtggg	cgcgcggggg	gagctggccc	cacgctcaga	aggaaagcca	ggtcgctaaa	1020
gctgccgaga	gagacaccag	gagcaccggg	aacgcgggga	gcagggaccc	cgccgccccg	1080

ttgccgctgc	cgcagagttc	gaataagctg	ccttggatgt	tgagggtttt	ggattctttt	1140
ctcagtttat	cccacatatc	tttcgcccct	tcttggcaat	ccgtaagggc	tgtgaccgtg	1200
cagctgtgga	aatcctccca	gtatgtgcac	acggtcttga	tgttcgtctt	gtcgtccagg	1260
ccctgcgggt	agttggccat	gctgtcgcgc	agcttgagca	aacagtccga	aaagcccttg	1320
aagaccgcat	cgcacttgcc	cgctgctctc	acggcctgca	ccagatacgc	tatttgcacc	1380
gcgaggatca	gtgaaatata	tctgccgttc	aacttaagtc	ccatcctacg	tttagtcaaa	1440
ccatttgcca	ccgcagacct	ttaaatagtt	agtttagaga	acgcggggga	aagccaaaaa	1500
ataggcattg	ccaacaagtt	ccgggagcga	cagagacttt	atgcactggg	aaggcagagg	1560
gaggagagaa	agagagggag	cgaggaagag	ccagaaaagag	agagagagag	agaaaagagag	1620
agagagagag	aggctgaggg	ggggggggaga	g			1651

<210> 8320

<211> 1730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (284)...(1519)

<223> similar to gi773387 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8320

cccattccacc	cgcgacccac	atccgatcgg	taccggagcg	ggagggtgagg	ggtcggctcg	60
cggatccagc	tgcagagcga	cgtggggaat	tggaatggtg	ctttggatct	tatggaggcc	120
atttggattc	tcaggaagat	ttctgaaact	ggaaagccat	agcataactg	aatcaaaatc	180
gttgattcca	gtagcttgga	catccctgac	acagatgctt	ttggaagcac	ctggtatttt	240
cttattgggt	caaagaaaaa	gattctcaac	catgccagaa	acagaaacac	atgagagaga	300
gactgaattg	ttttcaccac	cttctgatgt	ccgaggcatg	acaaaacttg	atagaacagc	360
ttttaaaaag	acagtcaaca	ttccagtgtc	taaagtgagg	aaagaaatag	tcagtaaatt	420
gatgcgatcc	ctaaaaaggg	cagcattgca	gcgcccaggc	ataagacgtg	tgattgaaga	480
tccggaagat	aaagaaagta	gactaatcat	gttggatccc	tataaaatat	ttactcatga	540
ttcctttgag	aaagcagaac	tcagtgtttt	agagcagctt	aatgtcagtc	cacagatctc	600
taaatacaat	ttggaactaa	catatgaaca	ctttaagtca	gaagaaatct	tgagagctgt	660
gcttcttgaa	ggtcaagatg	taacttcagg	gttttagcagg	attggacata	ttgcacacct	720
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tttccaaatg	gaagtgtcat	ctggagagca	gaacatgatg	acaaagggtc	gagaaaacaa	900
ctacacctat	gaatttgatt	tttcaaaagt	ctattggaat	cctcgtctgt	ctacagaaca	960
cagccgtatc	acagaacttc	tcaaacctgg	ggatgtccta	tttgatgttt	ttgctggggg	1020
tgggcccttt	gccattccag	tagcaaagaa	aaactgcact	gtatttgcca	atgatctcaa	1080
tcttgaatct	cataaatggc	tgttgtacaa	ctgtaaatta	aataaagtgg	acccaaaagg	1140
gaaagtcttc	aacttggatg	ggaaagactt	cctccaagga	ccagtcaaag	aagagttaat	1200
gcagctgctg	ggtctgtcaa	aagaaagaaa	accctctgtg	cacgttgtca	tgaacttgcc	1260
agcaaaagct	atagagtttc	ttagtgtctt	caagtggctt	ttagatgggc	agccatgcag	1320
cagtgaattc	cttcccatag	tgcattgtta	tagcttttcc	aaagatgcta	accctgtcta	1380
ggatgttcgg	caaagggctg	gagctgtgtt	aggcatttct	ctggaggcat	gcagttcagt	1440
tcacctggta	agaaatgtgg	ccccaaacaa	ggaaatgctg	tgcatacagc	ttcagattcc	1500
tgcctctgtc	ctctacaaga	accagaccag	aatccagag	aatcatgaag	atccacctct	1560
taaaaggcag	agggcggctg	aagccttttc	agacgaaaaa	acccaaattg	tttcaaacc	1620



ttaattggaa	atgtttttctc	catccccccc	ccagacttac	atgtagttaa	atagaatttg	1680
tattatttaa	taaaatttta	gggtttgggt	tttcctattg	aaaaaaaaaa		1730

<210> 8321  
 <211> 1794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (57)...(1197)  
 <223> similar to gi3342218 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8321						
gaaagtacga	gtcggctcag	cctggagggg	cccaaccaga	gcctggcctg	ggagccagga	60
tggccatcca	caaagccttg	gtgatgtgcc	tgggactgcc	tctcttcctg	ttcccagggg	120
cctgggcccc	gggcatgtc	ccaccggt	gcagccaagg	cctcaacccc	ctgtactaca	180
acctgtgtga	ccgctctggg	gcgtggggca	tcgtcctgga	ggccgtgggt	ggggcgggca	240
ttgtcaccac	gtttgtgctc	accatcatcc	tgggtggccag	cctccccctt	gtgcaggaca	300
ccaagaaacg	gagcctgctg	gggacccagg	tattcttcct	tctggggacc	ctgggcctct	360
tctgcctcgt	gtttgctgt	gtggagaagc	ccgacttctc	cacctgtgcc	tctcggcgt	420
tcctcttttg	ggttctgttc	gccatctgct	tctcttgtct	ggcggtcac	gtctttgccc	480
tcaacttcct	ggcccgaag	aaccacgggc	cccggggctg	ggtgatcttc	actgtggctc	540
tgctgtgac	cctggtagag	gtcatcatca	atacagagt	gctgatcatc	accctgggtc	600
ggggcagtg	cgaggcggc	cctcagggca	acagcagcgc	aggctgggcc	gtggcctccc	660
cctgtgccat	cgccaacatg	gactttgtca	tggcactcat	ctacgtcatg	ctgctgctgc	720
tgggtgcctt	cctggggggc	tggcccgccc	tgtgtggccg	ctacaagcgc	tggcgtaage	780
atggggctct	tgtgtcctc	accacagcca	cctccgttgc	catatgggtg	gtgtggatcg	840
tcatgtatac	ttacggcaac	aagcagcaca	acagtcccac	ctgggatgac	cccacgctgg	900
ccatcgccct	cgccgccaat	gcctgggcct	tcgtcctctt	ctacgtcatc	cccaggtct	960
cccaggtgac	caagtccagc	ccagagcaaa	gctaccagg	ggacatgtac	cccacccggg	1020
gcgtgggcta	tgagaccatc	ctgaaagagc	agaagggtca	gagcatgttc	gtggagaaca	1080
aggccttttc	catggatgag	ccggttgtag	ctaagaggcc	ggtgtcacca	tacagcgggt	1140
acaatgggca	gctgtgtacc	agtgtgtacc	agcccactga	gatggccctg	atgcacaaag	1200
ttccgtccga	aggagcttac	gacatcatcc	tcccacgggc	caccgccaac	agccaggtga	1260
tgggcagtg	caactcgacc	ctgcgggctg	aagacatgta	ctcggcccag	agccaccagg	1320
cggccacacc	gccgaaagac	ggcaagaact	ctcaggtctt	tagaaacccc	tacgtgtggg	1380
actgagtcag	cgggtggcgag	gagaggcggt	cggatttggg	gagggccctg	aggacctggc	1440
cccgggcaag	ggactctcca	ggctcctcct	ccccctggca	ggcccagcaa	catgtgcccc	1500
agatgtggaa	gggcctccct	ctctgccagt	gtttgggtgg	gtgtcatggg	tgtccccacc	1560
cactcctcag	tgtttgtgga	gtcgaggagc	caaccccagc	ctcctgccag	gatcacctcg	1620
gcggtcacac	tccagccaaa	tagtgttctc	ggggtgggtg	ctgggcagcg	cctatgtttc	1680
tctggagatt	cctgcaacct	caagagactt	cccaggcgct	caggcctgga	tcttgcctct	1740
ctgtgaggaa	caagggtgcc	taataaatac	atttctgctt	tattaaaaaa	aaaa	1794

```

<210> 8322
<211> 2650
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (188)...(570)
<223> similar to gi790567 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8322
ccgcctcctt gaagctgccg ctgtcgctgc tgctcgttcg agtcgcagat ccttgccagc      60
acattacaga atatttttgt tgaaccttct tgagaattca gagaaactgc tgagtgacca      120
ctgaacgaaa agatctaata ttaaggctta cgcgtgttcc atccaccaca tcagaacaat      180
gtcgtatgtt tttgtaaata attcttctca gactaacgtg cccttgctgc aagcctgtat      240
tgatggggac tttaattatt ccaagcggct tttggaaagt ggctttgacc caaatattcg      300
tgacagcagg ggcagaacag gccttcacct tgcagcagct cgagggaaat tagacatctg      360
ccagttactg cataaattcg gtgccgatct tctggccaca gattatcaag gaaacacagc      420
tcttcacctc tgtggccatg tggatactat ccaatttttg gtttccaatg gactcaaaat      480
tgatatttgc aatcatcaag gtgctacccc tttagtctcg gcaaagcgca gaggagtaaa      540
taaagatgtc atccgattgc tggaaatctt ggaagaacag gaggtgaaag gatttaacag      600
aggaacccac tcgaaactgg agaccatgca aacagctgag agtgaaagtg ccatggaaag      660
ccattcactc ctcaatccca acctgcagca aggtgaagga gtccctctcca gcttcggaac      720
cacgtggcag gagtttgtgg aggatctggg ctctctggaga gtattgctgt tgatcttcgt      780
cattgctttg ctgtctcttg gcattgctta ttatgtgagt ggggtgctac ccttcgtgga      840
aaaccagcct gaactggtgc attaaaggag ctcatggaag atgaggcaat taattccctg      900
tttcctgggt tccaatgttt gttctcagtt tctcagaatt tttcttagcg caaagcagtg      960
agggcagtag atggctcctt tggcattttt attatggtaa atccttttag ataatgatgt      1020
gttcatttga actaactaca tactatgatc aagtatattg catcctaacy ctaccttgta      1080
ctcaacctga ctttgtagga aagcctacac gtgacctgtt ttgataaaaa cacggaagtg      1140
actagagaat ggaagataaaa ggaagaagct aggaagtcct tgctatcaaa accttatcct      1200
aatataggac caattgaagt attcaaaaag aaaaacagta tcttatatga ttagtttttg      1260
ttggtgggtt tgttttcatt tatttttgca agagccactt tttatttact ttctctaggg      1320
ataagagata aaacttgaag tacttttttc aaatcttgtg tgcaaattag tattgttagc      1380
atctatttgg cttatttttag tatttttaag tctagtcaca aaccaaaca aacttttgaa      1440
aatgagctat attttgttca aagataattg atttgatctt atatttattt gtttttagga      1500
taatttttga tctttttgta aactgctttg cttgttaata tctgtgaaaa ataaatgagt      1560
tcattttgtt cactttccaa ttttcccag tatcctagtc atcaaagata acagttcatc      1620
agaattacag tcagaaaatc ctttttctac tgaatagtta gcagggaaaa ataattctga      1680
tatttaactg tcataattct gtagtgctat tatagtgaat aactcagttc tataagctag      1740
ctgtgttgtc acagttttat catagtcat aattatttca cgtgcaatcc tatttgagg      1800
ccctgttaga cttttaacaa tcccatccat atctgtaatt ctctgatggc aagaatggat      1860
ggagcatttc tgagttaaca gtgctggaca gtatcgtact ggggtgcata aactctttat      1920
gaatggtaat attatgtaaa ttgaaatctg gccctcaaac tatattgcag ctttcagcag      1980
tatgtttgaa ggcctctttt gttaatgatt ctgtaatgta tgaattatgt tcttgagtgg      2040
ttaaaaaaga atatgaaggc ttgataatta tttattgggt aaagtcagga aattgtagtg      2100
aaagaactaa tgggttttgtt ttttggaata aaggcaccta agctattgct aattgaattg      2160
ctgctagaat tagaaattat gctttagaat agaattggta tttctgtgat tctttttgct      2220
tcttgggtatt ttctcttgta tctatgtatc tagtatggag gcttgctctt tcatgtggct      2280
ttatcctctc tttaatagct gttgtaaaat tcctgagtaa ctggctgctt caggatcagc      2340
ttgcagagtc ttgcttttag gttagataca aacaaagtaa atcatagtgt gtgtaaatcc      2400
agcaaaaaac agctggcctt ggaatggaga aactacaat tcaaatttga agtatattca      2460
gaagaaaact ttggaattag ctttacattt gtttgtaaat ctaaacaat atgccaaaat      2520

```

tggtcaaaat	gtaagtatat	agcattttta	aagattaatg	gttccttttt	atgtgctgat	2580
ttcttttgta	ttctgttctc	tgcattcatc	attcaggaat	accaccaata	aatgtattta	2640
tatatccctt						2650

<210> 8323

<211> 2027

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (147)...(1184)

<223> similar to gil226235 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8323						
cccacgcgtc	cgatagattg	cttgtgctgc	ctgataatta	ctcgcacttt	tcccaggcta	60
gtgcaaactc	tcagggggccg	tccaggacta	cagagctgtt	tcaccctacc	ttggcttcaa	120
tctcttcccc	catgctcgaa	ggtgcggagc	tgtacttcaa	cgtggaccat	ggctacctgg	180
agggcctggt	tcgaggatgc	aaggccagcc	tcctgaccca	gcaagactat	atcaacctgg	240
tccagtgtga	gaccctagaa	gacctgaaaa	ttcatctcca	gactactgat	tatggtaact	300
ttttggctaa	tcacacaaat	cctcttactg	tttccaaaat	tgacactgag	atgaggaaaa	360
gactatgtgg	agaatttgag	tatttccgga	atcattccct	ggagcccctc	agcacatttc	420
tcacctatat	gacgtgcagt	tatatgatag	acaatgtgat	tctgctgatg	aatgggtgat	480
tgcagaaaaa	atctgtgaaa	gaaattctgg	ggaagtgcc	ccccttgggc	cgtttcacag	540
aaatggaagc	tgtcaacatt	gcagagacac	cttcagatct	ctttaatgcc	attctgatcg	600
aaacgccatt	agctccattc	ttccaagact	gcatgtctga	aaatgctcta	gatgaactga	660
atattgaatt	gctacgcaat	aaactataca	agtcttacct	tgaggcattc	tataaattct	720
gtaagaatca	tggtgatgtc	acagcagaag	ttatgtgtcc	cattcttgag	tttgaggccg	780
acagacgtgc	ttttatcatc	actcttaact	cctttggcac	tgaattgagc	aaagaagacc	840
gagagaccct	ctatccaacc	ttcggcaaac	tctatcctga	ggggttgccg	ctgttggttc	900
aagcagaaga	ctttgaccag	atgaagaacg	tagcggatca	ttacggagta	tacaaacctt	960
tatttgaagc	tgtaggtggc	agtgggggaa	agacattgga	ggacgtgttt	tacgagcgtg	1020
aggtacaaat	gaatgtgctg	gcattcaaca	gacagttcca	ctacgggtgtg	ttttatgcat	1080
atgtaaaagc	gaaggaacag	gaaattagaa	atattgtgtg	gatagcagaa	tgtatttcac	1140
agaggcatcg	aactaaaatc	aacagttaca	ttccaatttt	ataaccaag	taaggttctc	1200
aaatgtaaaa	aattataaat	gttaaaagga	agttattgaa	gaaaataaaa	gaaattatgt	1260
tatattatct	agactacaca	aaagtaagcc	acactatata	ttcatgagtt	gcaaattccat	1320
ggaaacacag	taaaccagcc	ctgaaacaaa	gcatttcctt	gttttcagtg	gtattagatc	1380
ttgtttccac	atgtctgtct	cattcttcac	tgggccttac	aggttagttt	taattaactc	1440
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tattcttgct	tttccatgct	tctctacagg	tccaaatact	gaatgtctcc	tttacttttt	1560
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tgtgatcaca	gctcactgca	gcctcgactt	cccaggctca	agtgatectc	ccagctctca	1680
gcctccaaag	tagctggcac	tacaagtgt	cacccccaca	caaggctaag	ttttgtattt	1740
tttgtagaga	caggggttca	acatattatc	caggctgggtg	tcgaattcct	gggctccagg	1800
gatccacagt	ccccttggc	ctcccaaagt	gctgggatta	catgcatgag	ccactgtgct	1860
gggcttcatt	tacattttta	ctgtctgttc	cttgccctaga	ttcacagaaa	tccaaagctg	1920
tatgtagtca	acatgggttca	caagtgggtg	aaaatgtgct	tttttgcttt	gttttggttt	1980
gtttcggttt	gttttgagac	agagattccc	tctgtcgccc	aagctag		2027

<210> 8324  
 <211> 1549  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(1023)  
 <223> similar to gi780241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8324
caacatggcg gccgcggtgg cggcggcacc tggggccttg ggatccctgc atgctggcgg      60
cgcccgcctg gtggccgctt gcagtgcgtg gctctgcccg gggttgaggc tgcccggctc      120
gttggcaggc cggcgagcgg gcccggcgat ctgggcccag ggctgggtac ctgcggccgg      180
gggtcccgcc ccgaaaaggg gctacagctc tgagatgaag acggaggacg agctgcgggt      240
gcggcacctg gaggaggaga accgaggaat tgtggtgctt ggaataaaca gagcttatgg      300
caaaaattca ctcagtaaaa atcttataaa aatgctatca aaagctgtgg atgctttgaa      360
atctgataag aaagtacgga ccataataat caggagtga gtcacaggga tattctgtgc      420
tggtgctgac cttaaggaaa gagccaaaat gagttccagt gaagttggtc cttttgtctc      480
caaaataaga gcagtgatta acgatattgc taatcttcca gtaccaacaa ttgcagcaat      540
agatggactc gctttagggtg gtggtcctga actggcttta gcctgtgata tacgagtagc      600
agcttcctct gcaaaaatgg gcctgggtga aacaaaattg gcgattattc ctggtggagg      660
ggggacacag cgattgccac gcgccattgg aatgtccctg gccaaaggagc tcatattctc      720
tgcgcgagtc ctcgatggca aagaagccaa agcagtgggc ttaatcagcc acgttctgga      780
acagaaccag gagggagacg cggcctacag gaaggccttg gacctggcga gagagttttt      840
acctcaggga cctgttgcaa tgagagtggc aaaattagca attaatcaag ggatggaggt      900
cgatttagta acagggttag ccatagaaga agcttggtat gctcagacca ttccaacaaa      960
agacagactt gaaggtcttc ttgcttttaa agagaaaagg cccctcgtc ataaaggaga     1020
ataaaaggaa cagaaattct taagatgcc aatgtaataaa tgtacttctt ggaagtgtct     1080
ttcggatcca ctatatgcct cagcacatgg aaccttaatg accaaagtga agagcagatt     1140
attcatacgg tgtaataagc atctggaatg gacccatccg tgtacttcat tcaaagtgtg     1200
aaatgtcata ttcattcaga ttataaaagc tagtagtgta tagtcagaaa cagaatcaaa     1260
gttagatata cattttttaa tatttactgc atatgaggct ttctgttaat tttttaatgt     1320
gaataattta tatattgcac attctagggg ataattattga ttgtatgtct actgtgctgc     1380
attaagaaaa taaaattttc atataccaaa aatgtgaagt tataccaaat aaagtttcta     1440
agtgattaat gcatacgaac agctacatat acatatatct aaacctgaaa aatgaattga     1500
tattctgagt gaaaactacc taatataaat aaaattagtg aaaagaaaa      1549
  
```

<210> 8325  
 <211> 2579  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>

<221> misc\_feature  
 <222> (1018)...(1491)  
 <223> similar to gi2662578 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8325

aattgatagc	tgtacgcctg	cacgaatgag	acccgtattc	ccgggccgac	gatttcgctg	60
gccaggctcc	ctggctggcc	ggtttggg	tctgggccgt	gaaggtggga	cctcctgttc	120
cgggccgcaa	gtttccctct	ccagccgccc	gccgttcgta	gcatgtcccc	cagaactcgg	180
ggagcgcagg	caggacaggc	ttagagaaga	cgcgggtccc	agcgcttggg	ccacggacgt	240
cccaccccg	tcctctgtcg	ctggagaacc	gccggggccga	gccactggga	gaagcaggcc	300
agagccttcc	agggcctccg	gcccgtggac	ccgaggagga	tgagctggct	ttttccctg	360
accaagagcg	cctcctcctc	cgcggctggg	tcccccggtg	gcctcaccag	cctccagcag	420
cagaagcagc	gcctgatcga	gtccctccgg	aactcacact	ccagtatagc	cgaaatacag	480
aaagatgtgg	aatacagatt	gccattcacc	ataaacaacc	tgacaattaa	cattaatata	540
ttgcttcctc	cacagtttcc	tcaggaaaaa	ccagtgatca	gtgtttatcc	accaatacga	600
catcacttaa	tggataaaca	aggagtgtat	gttacctctc	cattagtaaa	caattttaca	660
atgcactcag	atcttgga	aattattcag	agtctgttgg	atgagttttg	gaagaatcct	720
ccagttttag	ctcctacttc	aacagcattt	ccttatctat	acagtaacct	aagtgggatg	780
tctccttatg	cttctcaggg	ttttccattt	cttctcccat	atcctccaca	agaagcaaac	840
aggagtatca	cttctttatc	tgttgctgac	actgtttctt	cttcaacaac	aagtcatacc	900
acagccaagc	ctgccgctcc	ttcatttggg	gtcctttcaa	atctgccatt	accatttccc	960
acagtggatg	cttcaatacc	gacaagccaa	aatggttttg	ggtacaagat	gccagatgtc	1020
cctgatgcat	ttccagaact	ctcagaacta	agtgtgtcac	aactcacaga	tatgaatgaa	1080
caagaggagg	tattactaga	acagtttctg	actttgcctc	aactaaaaca	aattattacc	1140
gacaaagatg	acttagtaaa	aagtattgag	gaactagcaa	gaaaaaatct	ccttttggag	1200
cccagcttgg	aagccaaaag	acaaactggt	ttagataagt	atgaattact	tacacagatg	1260
aagtccactt	tcgaaaagaa	gatgcaaagg	cagcatgaac	ttagtgagag	ctgtagtgca	1320
agtgcccttc	aggcaagatt	gaaagtagct	gcacatgaag	ctgaggaaga	atctgataat	1380
attgcagaag	acttcttgga	gggaaagatg	gaaatagatg	attttctcag	tagcttcatg	1440
gaaaagagaa	caatttgcca	ctgtagaaga	gccaaaggaag	agaaacttca	gcaggcgata	1500
gcaatgcaca	gccaatttca	tgctccacta	tagattttcc	tggaacatg	aactgccaaag	1560
agagggaatg	gacacaaaac	caaacactgt	tttatattta	tggtttgcaa	actggcattt	1620
catcagtggc	taaattcaca	gatatcctat	atagattgta	tacagaactg	agactgattt	1680
tgtaccgatt	agaatgattg	ctatgatctt	tgagaaattt	ttctgcacta	tttgactga	1740
aacgtttatt	tattgttgat	aaactgtatc	atatttaagt	tccactgctg	ttcctcttac	1800
cttgattaaa	tgctatgcc	atgtactttt	agctaggttt	taatatttta	taaaacttca	1860
tttaaatttg	tatttttaac	ttgaagtcc	atttctttat	caaggatggg	atttagattt	1920
ttttcctctt	aacctttttt	caaaaactat	tttcaactgt	gaggaaacct	ttatttttct	1980
ttctttgtgg	ataaaacttt	caaaagcaat	ttaagatatt	catagtgtta	ggaaacacca	2040
aacctgccta	tgtgccatct	cacaaaagaa	acttttaata	cctacaataa	atcaaaagaa	2100
taaaccagct	gttcttatat	attgtttcat	ttttaaaact	aaagatgcat	ttaagaagca	2160
atacaagtaa	atattttacc	taataggaaa	aaaaaaagtt	gcctttcatt	taaaccattc	2220
caacagaaat	tcttatgcta	atttaaaaaca	tatatatatc	tggtagggtt	gtggttggat	2280
aggttttcta	aattccta	gttaaaaaca	atctttatgt	taatatacac	taaatctata	2340
cacaaaaaaa	gtcaatgaac	ttttctgacc	tttactgtga	gttacctttt	cctaagagga	2400
aagctatagt	aataagtaaa	atttaatttt	taggcaatcc	tgatttttaa	tgaattta	2460
tgagtgttct	tgtatactac	attgagcagt	ttgcttctat	accgtgtcac	aaaattcatg	2520
tatttcttga	gaagccctaa	aagctcataa	aggaaaatgc	cgtgaactat	gtagctcag	2579

<210> 8326  
 <211> 557  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (93)...(323)  
 <223> similar to gi871885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8326
aaaaaccgga gctggcgctt ggcacgcgca ctctgggcag gatccaacgt cgctccagct      60
gctcttgacg actccacaga taccgccgaag ccatggcaag caagggcttg caggacctga     120
agcaacaggt ggagggggacc gcccggaag ccgtgtcagc ggccggagcg gcagctcagc     180
aagtggtgga ccaggccaca gaggcggggc agaaagccat ggaccagctg gccaagacca     240
cccaggaaac catcgacaag actgctaacc aggcctctga caccttctct gggattggga     300
aaaaattcgg cctcctgaaa tgacagcagg gagacttggg tcggcctcct gaaatgacag     360
caggagact tgggtgaccc cccttccagg cgccatctag cacagcctgg ccctgatctc     420
cgggcagcca ccacctctc ggtctgcccc ctcattaaaa ttcacgttcc caccacaaaa     480
aaaaaaaaag gggggccgtt ttaaaggatc aaatttatac gccggggggc ggcaaggatat     540
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```

<210> 8327  
 <211> 4913  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4881)...(2458)  
 <223> similar to gi204177 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8327
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cacaacaaac aattacaact tctttatatg gcagttttta ctgggtgtct aatactctct     300
ttactgtctc aagtgggaagt ccaaacaaat ttcatttttg tagtaaaaaa tctttatttc     360
caaaatgatt tgttagccaa aagaactata aaccacctaa caagactttg gtaagaaaga     420
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gtacccaact gggaccaaata acaaacatga gacactaggg tggcttgctc ttgattagga     600
atcaccagct taaggaaact tatcatgggc tgagagttag atagatagct tagaacaaca     660
ttgcaaaagt ggggtgcttct acatgaggac ttttttcccc ccaagtagaa aaataattaa     720
  
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<210> 8328

<211> 2861

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(2646)

<223> similar to gi2344810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8328

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<210> 8329

<211> 1756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (229)...(1268)

<223> similar to gi4895164 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8329

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<210> 8330

<211> 2041

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(1764)

<223> similar to gi5533081 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8330

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ggtcccaatc	agctgggttt	actgatgatt	cagtaagggt	aacaatgaaa	attaaactct	1800
taaaaagtga	ctgcaacaaa	taaaccttct	actgagaaaa	tacatcacag	atagaagatt	1860
atctgcctaa	gtcccaggca	tttttatggt	gtagattgaa	ataatagtac	acttctgaat	1920
ttttatataa	aatgtggttg	gaaggtgtac	taatatataa	tttatcttaa	tttttctaac	1980
tttgtatgga	taatctttct	attcatatca	cataaagaaa	tgcggtgaag	caaaaaaaaaa	2040
a						2041

<210> 8331

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (477)...(1275)

<223> similar to gi5001720 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8331

cgtgcgtgga	attcggcgtg	cttgctgctg	gaggggtgatg	gccctgcaag	gctgtgggct	60
ccgacctcac	cgggagtcga	cagcgagagg	ttcgccgaac	agcgagggttc	tgggcgagcg	120
ctgaacgccg	gccccaaagca	ccccgggtct	ttacacagtc	cgcggccaca	gactctgacg	180
aagacgtgga	tctgctctcg	ctttagctgc	tcgcggtcct	ccagatcatg	tccgcgactc	240
ctgcgactcc	gcgcggaaaa	aaaagtttgc	caggcgtgga	ctcaatgacc	tttccaagct	300
gtgcgcctcg	ctgcctggac	cgggtctgag	cgcggtgcc	caggttgacc	tttctgcggg	360
agggctttct	ctacgtgctg	ttgtctcact	gggtttttgt	cggagcccca	cgccctccgg	420
cctctgattc	ctggaagaaa	gggttggtcc	cctcagcacc	cccagcatcc	cggaaaatgg	480
ggagcaaggc	tctgccagcg	cccatcccgc	tccaccgcgc	gctgcagctc	accaattact	540
ccttctgca	ggccgtgaac	accttcccgg	ccacggtgga	ccacctgcag	ggcctgtacg	600
gtctcagcgc	ggtacagacc	atgcacatga	accactggac	gctgggggat	cccaatgtgc	660
acgagatcac	ccgctccacc	atcacggaga	tggcggcggc	gcagggcctc	gtggacgcgc	720
gcttccccct	cccgccctg	ccttttacca	cccacctatt	ccaccccaag	cagggggcca	780
ttgcccacgt	cctccagcc	ctgcacaagg	accggccccg	ttttgacttt	gccaatttgg	840
cggtggtgct	cacgcaagag	gatccgccta	agatgggaga	cctgagcaag	ctgagcccag	900
gactgggtag	ccccatctcg	ggcctcagta	aattgactcc	ggacagaaag	ccctctcgag	960
gaaggttgcc	ctccaaaacg	aaaaaagagt	ttatctgcaa	gttttgcggc	agacacttta	1020
ccaaatccta	caatttgctc	atccatgaga	ggacccacac	ggacgagagg	ccgtacacgt	1080
gtgacatctg	ccacaaggcc	ttccggaggc	aagatcacct	gcgggatcac	agatacatcc	1140
attccaaaga	aaaacccttc	aaatgtcagg	agtgtgggaa	aggattttgt	cagtctagaa	1200
ctctagcagt	tcacaaaact	ttacacatgc	agacatcaag	ccctacagct	gcgagcagtg	1260
cggcaaaagt	ttcaggcgaa	actgtgatct	gcggcggcac	ac		1302

<210> 8332  
 <211> 839  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (217)...(606)  
 <223> similar to gi286244 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8332  
 tgggtggaatt cctgagccgt tgccttggct acaccgtctg ttagggccgc gcacgagatc 60  
 agtaactgag acctcaccgc gttgaccag caccagggct cgcgggggtc ccgcgaggggt 120  
 ctcggtagcc gcgcgcccag agacccccgc cgcggcccga ttctctgagc gccagacatg 180  
 aaccgcaaga aactgcagaa gctgacggac accttaacca aaaattgcaa gcattttattc 240  
 cgaggttttg ataaagataa tgatggctgt gtaaattgtat tggagtggat tcatggatta 300  
 tcaactgtttc ttcgaggatc tttggaagaa aaaatgaaat attgctttga agtgtttgat 360  
 ttgaatggtg acggattcat ttcaaaggag gaaatgtttc acatgttgaa gaacagcctt 420  
 ctcaaacagc catctgagga agaccctgat gaaggaatta aagatttggt tgaaataaca 480  
 ctgaagaaaa tggatcatga ccatgatggg aagctgtctt ttgcagacta tgaactggct 540  
 gtgagagaag agactcttct actggaggcc tttgggccat gtcttcctga tccaaagagc 600  
 cagatggaat ttgaagctca agtattcaaa gatccaaatg aattcaatga tatgtgaata 660  
 actaaatgtc tatattgtct caagttagta aaaaaggagg cacacacata ttgcttattt 720  
 tttctactta gttcagaaaa atgatgttga attgtgtgtt tcagggtgaa gatgagggtc 780  
 acttacatat atcatttaac atcagtgtaa gatgcaatta aaatagatgg aagacaaga 839

<210> 8333  
 <211> 2540  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (160)...(1635)  
 <223> similar to gi505029 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8333  
 gtcgtggaat tctgcgcgca gctccaccgt tgccaagacg ccgcgtaaac acccgagcgc 60  
 gcgcagccag gtgcgctcct tggggctgct ggctgctgcg tttgcggcgg gaggtggtgg 120  
 ccgcggtccc acgagagggg gtatttttcg tcagccaaga tgggttccaa aaggagaaat 180

ttgagctgta	gtgaaaggca	tcagaaatta	gtagatgaaa	actactgcaa	aaaattacat	240
gtccaagctc	taaaaaacgt	caacagtcaa	atcaggaatc	aaatgggtgca	gaatgaaaat	300
gataaccgtg	ttcagcgcaa	gcaattttctc	agattattac	aaaatgaaca	atttgagttg	360
gatatggaag	aggccattca	aaaggcagaa	gaaaacaaga	gattgaaaga	actccagctc	420
aaacaagaag	aaaaactggc	tatggaattg	gcaaaactga	aacatgaaag	tctaaaggac	480
gaaaagatga	ggcaacaagt	aagagaaaac	agcattgagc	ttagagaatt	ggagaagaaa	540
ttaaaagcag	cttacatgaa	taaagaaaag	gcagctcaga	ttgctgaaaa	ggatgccatt	600
aaatatgaac	aaatgaaacg	tgatgctgaa	atagccaaaa	ccatgatgga	agaacacaag	660
agaataataa	aggaagagaa	tgctgcagaa	gacaaacgaa	acaaagcgaa	agcacagtac	720
tatcttgact	tagagaaaca	acttgaagaa	caagaaaaaa	aaaagcagga	agcttatgag	780
cagctgctaa	aagagaaaact	catgattgat	gaaattgtta	ggaagatcta	tgaagaagat	840
cagttggaaa	aacaacaaaa	gttagaaaaa	atgaatgcaa	tgcaaggta	tatagaagag	900
tttcagaaag	agcaggctct	ctggagaaaa	aagaaacgtg	aggagatgga	agaagaaaaa	960
agaaaaatca	tagagtttgc	taacatgcag	cagcaaaagag	aagaagatcg	gatggcaaaa	1020
gttcaagaaa	atgaggagaa	aaggctacag	cttcagaatg	cgttgacaca	gaaattagaa	1080
gaaatgctgc	ggcaacgtga	agattttggag	caagtgcgac	aagaattata	ccaggaagaa	1140
caagctgaaa	tatataagag	caagctaaaa	gaagaagcag	aaaagaaaatt	gagaaagcaa	1200
aaagagatga	agcaagattt	tgaagaacaa	atggccttga	aggaattagt	gctacaggct	1260
gcaaaaagagg	aagaggagaa	ctttagaaaa	actatgctag	ctaaatttgc	tgaggatgat	1320
cgaatagaat	taatgaatgc	tcagaaacaa	agaatgaagc	agctggaaca	caggagggct	1380
gtggaaaaac	ttattgaaga	gcgtcgccaa	caattccttg	cagacaaaca	acgtgaacta	1440
gaagagtggc	agttgcagca	aaggcggcaa	ggatttatta	atgcaattat	tgaagaagaa	1500
aggctaaaac	ttcttaaaga	gcatgctaca	aacttactag	gctatctccc	taaaggagta	1560
tttaaaaaag	aggatgatat	tgatctgctt	ggtgaagagt	tcaggaaaagt	atatcaacaa	1620
aggagtgaaa	tttgtgaaga	gaaatgatat	catcaaaatt	gggtaaagca	tagatttttt	1680
gtatgttacc	acttagatgt	cagcataact	tttgtttttac	agttcagtgg	cattaggtat	1740
ccattgtctg	tttggatttt	gtaaatcatc	actgaatttc	ataacttgta	aacaattatc	1800
agatacaaat	taattttaat	caagctgtta	tttttgtact	gataatttca	aaatccgatt	1860
tctacaacac	tacagagcac	tgtttgcac	cccatectca	agacagtata	tttaccttga	1920
ctaatacaga	actctacccc	aaagtgaact	gccttctgtc	tgtgtttacg	aactttactt	1980
acttgattta	gccagggaaa	taaatatattg	gaattttctt	ttaaagcatc	ttttttggtc	2040
tactgtaagg	gaggagaatt	ataaatgaaa	agagtcaaga	attttattat	ctgatgtgct	2100
taattgtcat	gctaagaact	taaaaaaaca	actcaaaaag	agctaatagc	taatctccta	2160
aatctaaaaa	gggaattctt	tgaaattatt	ttgctttcat	aatcaaatat	attacttatg	2220
aagaataaaa	ataattcaaa	ccactacaat	aagtataaatg	ggtatccatc	acatactgtc	2280
atagagacta	actgaagtag	atcacttatg	aatttcccca	ttcaagtgtc	ttcataaatt	2340
cctcctcagt	gaaagatagc	atcttggcag	cttcaatatg	catcttttgc	cttttttaaaa	2400
catcaattaa	ttttaactgt	ttcttgaacc	ctatcattaa	ttctcctttt	tgtttttcta	2460
gcttcttggt	ttctgatttt	aacacttcaa	tttttttgtg	ttcttcattt	gctatgacct	2520
tgttattttg	ccttaattta					2540

<210> 8334

<211> 3387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (329)...(2996)

<223> similar to gi4240297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8334

atccagttca	cgcagtcgtc	attccagtat	ctcacctgtc	aggcttccac	ttaattccag	60
tctgggagct	gaactcagta	ggaaaaagaa	ggaaagagca	gctgctgctg	ctgcagcaaa	120
gatggatgga	aaggagtcca	gctacgaaag	aagtggctct	tacagcgggc	gatcgcccag	180
tccctatggg	cgaaggcggg	ccagcagccc	tttcttgagc	aagcgggtctc	tgagtcggag	240
tccactcccc	agtaggaaat	ccatgaagtc	cagaagtaga	agtcctgcat	attcaagaca	300
ttcatcttct	catagtaaaa	agaagagatc	cagttcacgc	agtcgtcatt	ccagtatctc	360
acctgtcagg	cttccactta	attccagtct	gggagctgaa	ctcagtagga	aaaagaagga	420
aagagcagct	gctgctgctg	cagcaaagat	ggatggaaag	gagtcgaagg	gttcacctgt	480
atthttgctt	agaaaagaga	acagttcagt	agaggctaag	gattcagggt	tggagtctaa	540
aaagttaccc	agaagtgtaa	aattggaaaa	atctgcccc	gatactgaac	tgggtgaatgt	600
aacacatcta	aacacagagg	taaaaaatct	ttcagataca	gggaaagtaa	agttggatga	660
gaactccgag	aagcatcttg	ttaaagattt	gaaagcacag	ggaacaagag	actctaaacc	720
catagcactg	aaagaggaga	ttgttactcc	aaaggagaca	gaaacatcag	aaaaggagac	780
ccctccacct	cttcccacaa	ttgcttctcc	cccacccctc	ctaccaacta	ctacccctcc	840
acctcagaca	ccccctttgc	cacctttgcc	tccaatacca	gctcttccac	agcaaccacc	900
tctgcctcct	tctcagccag	catttagtca	ggttcctgct	tccagtactt	caactttgcc	960
cccttctact	cactcaaaga	catctgctgt	gtcctctcag	gcaaattctc	agccccctgt	1020
acaggtttct	gtgaagactc	aagtatctgt	aacagctgct	attccacacc	tgaaaacttc	1080
aacgttgctt	cctttgcccc	tcccaccctt	attacctgga	gatgatgaca	tggatagtcc	1140
aaaagaaact	cttcttcaaa	aacctgtgaa	gaaagagaag	gaacagagga	cacgtcactt	1200
actcacagac	cttctctctc	ctccagagct	ccttggtgga	gatctgtctc	ccccagactc	1260
tccagaacca	aaggcaatca	caccacctca	gcaaccatat	aaaaagagac	caaaaatttg	1320
ttgtcctcgt	tatggagaaa	gaagacaaac	agaaagcgac	tgggggaaac	gctgtgtgga	1380
caagtttgac	attattggga	ttattggaga	aggaacctat	ggccaagtat	ataaagccaa	1440
ggacaaagac	acaggagAAC	tagtggctct	gaagaagggtg	agactagaca	atgagaaaga	1500
gggcttccca	atcacagcca	ttcgtgaaat	caaaatcctt	cgtcagttaa	tccaccgaag	1560
tgttggtAAC	atgaaggaaa	ttgtcacaga	taaacaagat	gactggatt	tcaagaagga	1620
caaaggtgcc	ttttaccttg	tatttgagta	tatggaccat	gacttaatgg	gactgctaga	1680
atctggtttg	gtgcactttt	ctgaggacca	tatcaagtcg	ttcatgaaac	agctaatgga	1740
aggattggaa	tactgtcaca	aaaagaattt	cctgcacggt	gatattaagt	gttctaact	1800
tttgctgaat	aacagtgggc	aaatcaaaact	agcagatttt	ggacttgctc	ggctctataa	1860
ctctgaagag	agtcgccctt	acacaaacaa	agtcattact	ttgtgggtacc	gacctccaaa	1920
actactgcta	ggagagggaac	gttacacacc	agccatagat	gtttggagct	gtggatgtat	1980
tcttggggaa	ctattcacaa	agaagcctat	ttttcaagcc	aatctggaac	tggctcagct	2040
agaactgata	agccgacttt	gtggtagccc	ttgtccagct	gtgtggcctg	atgttatcaa	2100
actgccctac	ttcaacacca	tgaaaccgaa	gaagcaatat	cgaaggcgtc	tacgagaaga	2160
attctctttc	attccttctg	cagcacttga	tttattggac	cacatgctga	cactagatcc	2220
tagtaagcgg	tgcacagctg	aacagaccct	acagagcgac	ttccttaaag	atgtcgaact	2280
cagcaaaatg	gtcctccag	acctccccc	ctggcaggat	tgccatgagt	tgtggagtaa	2340
gaaacggcga	cgtcagcgac	aaagtgggtg	tgtagtcgaa	gagccacctc	catccaaaac	2400
ttctcgaaaa	gaaactacct	cagggacaag	tactgagcct	gtgaagaaca	gcagcccagc	2460
accacctcag	cctgctcctg	gcaagggtgga	gtctggggct	ggggatgcaa	taggccttgc	2520
tgacatcaca	caacagctga	atcaaaagtga	attggcagtg	ttattaaacc	tgctgcagag	2580
ccaaaccgac	ctgagcatcc	ctcaaatggc	acagctgctt	aacatccact	ccaaccaga	2640
gatgcagcag	cagctggaag	ccctgaacca	atccatcagt	gccctgacgg	aagctacttc	2700
ccagcagcag	gactcagaga	ccatggcccc	agaggagtct	ttgaagggaag	cacctctgct	2760
cccagtgate	ctgccttcag	cagaacagac	gaccttgaa	gcttcaagca	caccagctga	2820
catgcagaat	atattggcag	ttctcttgag	tcagctgatg	aaaacccaag	agccagcagg	2880
cagtctggag	gaaaacaaca	gtgacaagaa	cagtgggcca	cagggggccc	gaagaactcc	2940
cacaatgcc	caggagagg	cagcaggtag	gagcaaccgt	gggaatgcc	tctgaggaat	3000
gcagtgatgt	ccatcagtca	cctctcacc	agagcctggc	aaattcagtc	tctttcacag	3060
aacctaaagc	caagccaggt	tcagtgggaa	atcccacctg	tccaaacact	gtgtgagaca	3120
ccagaattag	aggcctgcaa	gcctgcttcc	ttcatcccca	atgccagat	gggacaggtc	3180
accagcctcc	tgtgtctacc	cccacctttc	ttgcttgctg	gcctcctctc	tctgcagtgc	3240

ctctctcatc	cctgcaatcc	agacagcaca	tgcagcagct	catatgtgaa	aaacaagacc	3300
cagagagggg	aaatcatttg	aatcctgtcc	tgggattgct	ttgtgttcct	ggatttggag	3360
aatttctggg	aacacaggag	aaggaat				3387

<210> 8335  
 <211> 1084  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1085)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (753)...(347)  
 <223> similar to gi2827474 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8335						
ccagcaccat	cccctatacg	gaagggctgt	gatgagcctg	gagcctcttg	ccttcacctg	60
tctacaccta	tccagtgtta	ttctctttct	ctgggcacag	cctcccaggc	tgtgtctcct	120
cctcctgtaa	aatgggcaca	gtattatgtg	ccttgtgttt	tctccgattc	agcagccttt	180
ccgcagatta	tctgtggccc	ctggggaaaag	gtgttggggg	ctcaacactc	cattatgggg	240
actgcggctg	aggcctggct	gcaggctctcc	ctacacgctc	cccagcgggtg	agcccagcga	300
gacccagcag	acgggtcctgc	ctcccactct	ccagcactcc	cctctgctta	ctttgtctgc	360
agcgggtgagg	cgggtccacg	gcttatctgc	cctgcgggtca	tagtcctgag	cgtcagccac	420
ctccacgtag	tcactgaagc	ggatgaggat	ctttctttcc	cgaagctctt	ccaccgtggg	480
cctttgactg	agctttcggg	ttagcctcct	cttgatctct	ctcttctcct	cctgttctct	540
ttgttcattc	cgaggtttca	aaatgttcct	ctgttccagt	tcctctgcag	ttggcctctg	600
gctcagccgc	ctacggaaaa	aatccaggaa	aagtttttgg	accatatcat	agcctccttg	660
ggtcattaat	ttcctcggcc	cttgacagata	catgagacag	tcagtggctg	gagttcttgt	720
tccatcctgt	gctctgaaag	actgactctc	gccaccaccg	cctcctcagt	tcntcaattt	780
caagcccagg	agaggcacgt	gcgtcatgtc	acagccgctg	acccccgccc	tcctccctgc	840
agcggccccct	ccccagcccc	atctcctcca	gtggccccag	gcaagtggac	tgcaactcag	900
acgggactct	tttcttcaca	gaagtccttt	tctttccttg	tggcctccta	acttggggac	960
tgtggcctct	tgcctctctc	tccctccctt	gaggctaaaag	cctgtctcct	gcctcttctg	1020
tgcagaccca	gttagaacat	aaagaggtct	gtggccccgg	ggacatgtga	gagaatgtgt	1080
ctgt						1084

<210> 8336  
 <211> 1871  
 <212> DNA  
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (303)...(1106)
<223> similar to gi3877439 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8336
gcacgagctt cgttcgggca cttccagtac tctcattcac ttectgtccc tttcttttac      60
gtttccgaca aaacagtgtc tgtgggcagc tagaatcttc agtttctgtg agcgtccgct      120
tcgtctgggc acttccggta ctccattca gttccggtcc ctgtctttta cgtttccggc      180
aaaacatcag tgtctgtggg tagttggaat cttcagttcc tgtgagcgtc ggcgtcttct      240
gggcctgtgg agtttcttgg acaggggccg cggggctcca ggacggcgcc cttagcgaca      300
ccatggcccc aaatgcagaa aaggccatga cggccttagc aagatttcgc caggctcagc      360
tggaagaggg aaaagtgaag gaacgaagac ccttcttggc ctcagaatgt actgaactgc      420
ctaaagctga gaagtggaga cgacagatca ttggagagat ctctaaaaaa gtggctcaga      480
ttcagaatgc tggtttaggt gaatttcgaa ttcgtgacct gaatgatgaa attaacaagc      540
tgctaaggga gaaaggacac tgggaggtcc ggataaagga gctgggaggt cctgattatg      600
gaaaagttag ccctaaaatg ctggatcatg aaggaaaaga agtcccagga aaccgaggtt      660
acaagtactt tggagcagca aaagatttgc ctggtgttag agagctgttt gaaaaagaac      720
ctcttcctcc tcccagaaag acacgtgctg agctcatgaa ggcaatcgat tttgagtact      780
atggttacct agatgaagat gatggtgtta ttgtgccttt ggaacaggaa tatgaaaaga      840
aactcagagc cgagtttagt gaaaagtggg aagcagagag agaggctcgg ctggcaagag      900
gagaaaagga agaggaggag gaagaggagg aagagatcaa catctatgca gtcaccgagg      960
aggagtcgga cgaggaaggc agccaggaga aaggagggga cgacagccag cagaagttca     1020
ttgctcacgt ccctgttccc tcgcagcaag agattgagga ggcactggtg cgaaggaaga     1080
aatggaact cctccagaag tatgcaagcg agaccctgca ggcccaaagt gaagaagcca     1140
gaaggctcct ggggtattag gaccagctg gggctctcct tggagtctct ccatcccca     1200
gtggtacctc aggaccaggg gctgcagaca caggctggtg ctgcaagggc tctgccccca     1260
ttctcagcct tccttccttc tccttgtctc atgttgaccg gagggtaggg gtctgtccct     1320
ggtcttcctg gtaggttttg tacacatatt ttgctactgt gtggatccat ttatttttat     1380
tgtggagtgt atacaacagg ttgcgaactg gctgcctgtg tcttattttg acttgactg     1440
ccattttgag gggagaagaa tcaattagt gcaaacattt aaaaatgcaa ttttttgag     1500
accaaaagtat aatttttaaaa aatgcaaatt ttctaaaaga cacatctctt gaaaaatgag     1560
atgatgtggc caggcgagct ggctcacgcc tgtaacccca gcactttggg aggccgaggc     1620
gggcgggtca cgaggtcaag agatggagac catcctggcc aacatggtga aaccccatgt     1680
ctactaaaaa tacaaaaaaa ttagctgggc gtactggcat gcacctgtag tcccagctgc     1740
ttgggaggct gaggcaggag aatcacttga acccgagagg tggaggttga agtgagccca     1800
gatcgtggcc attgcactcc aagccttggg acaagtggga acctcttccc ccaaaaaaaa     1860
aaaaaaagtt t                                     1871

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<210> 8337
<211> 1376
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1377)
<223> n = a,t,c or g

```



```

<220>
<221> misc_feature
<222> (372)...(575)
<223> similar to gi2276353 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8337
cctctgtcgc cccgaggcaa gcaggtttac ccagctgaga agaagtctgt gtcgctgagt      60
gagacgggtgt ttogtcatgt tgaccaggct ggtctcaaac tcctgacctc gagtgatcac      120
ctgccttggc ctcccaaagt ggtgggatta cagaggaaaa gatgctagaa ccacaggaga      180
atggcgtgat tgacctacca gattatgagc atgtagaaga tgaaactttt cctcctttcc      240
cacctccagc ctctccagag agacaagatg gtgaaggaaac tgagcctgat gaagagtcag      300
gaaatggagc acctgttcct gtacctccaa agagaacagt taaaagaaat atacccaagc      360
tggatgctca gagattaatt tcagagagag gacttccagc cttaaggcat gtatttgata      420
aggcaaaatt caaaggtaaa ggtcatgagg ctgaagactt gaagatgcta atcagacaca      480
tggagcactg ggcacatagg ctattcccta aactgcagtt tgaggatttt attgacagag      540
ttgaatacct ggggaagtaa aaggaagttc agacctgttt aaaacgaatt cgacttgatc      600
tcctatttt acatgaagat tttgttagca ataattgatga agttgcggag aataatgaac      660
atgatgtcac ttctactgaa ttagatccct ttctgacaaa cttatctgaa agtgagatgt      720
ttgcttctga gttaagtata agcctaacag aagagcaaca acaaagaatt gagagaaata      780
aacaactggc cttggaaaga aggcaggcaa agctgcctna gtaatagtca gacccttggg      840
aaatggatat ggttaatgaa ttacaccagc ggcacaccac ggttgaagag gttaatactg      900
atgaggatca aaaggaggag tcaaattgat taaacgaaga cattctggac aatccatgta      960
atgatgctat tgccaatact ttaaattgaag aggaaacact gctggaccag tcttttaaaa     1020
atgtgcaaca gcaacttgat gctacatcca gaaatattac tgaagctaga taagtttcca     1080
ttaagagaaa atgtatctgt taagtcatcg tcctgcaagc ttggcggtac tatgtatttt     1140
ttcttcttgg agtgaaaatc cttagatagt aaaactgtta tagattattg tttaaaatct     1200
gataatctgg tatttattta taattatgct tgtcacttta gttaaatcta tttgttctct     1260
ttagtggttg tttttatata ggtatttctt cataaaatga ttaggaggta ataagcagtt     1320
tctgctgctg gtctgtcatt gaatgccttg ttttcactaa gttgggaggt ttggtt      1376

```

```

<210> 8338
<211> 1464
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (72)...(1218)
<223> similar to gi3805813 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8338
ctccgagctt cttaaacaca ggccttgggc ctacggctct gggggtactt gggggggcgg      60
gggcagggtct gatgagtaac ccctccccc aggttccaga ggaagaagcc tccacatctg      120
tctgccggcc caagagttcc atggcctcca cttcccgccg ccaacgccga gaacgtcgct      180
ttcgtcggtta cttgtctgca ggacggctgg tccgggccca ggccctctc cagcgacacc      240

```

caggcctcga	tgtagatgct	gggcagcccc	caccactgca	ccgggcctgt	gcccgccacg	300
atgcccctgc	cctgtgcctg	ctgtctcggc	tcggggctga	ccctgcccac	caggaccgcc	360
atggggacac	ggcactgcat	gctgctgccc	gccagggccc	agatgcctac	accgatttct	420
tcctcccgc	gctaagccgc	tgtccctccg	ccatgggaat	aaagaataag	gatggggaga	480
cccctggcca	aattttgggc	tggggacccc	cctgggattc	tgctgaagag	gaggaagaag	540
atgatgcctc	caaggagcgg	gaatggagac	agaagctcca	gggtgagctg	gaggacgagt	600
ggcaggaagt	catggggagg	tttgaagggt	atgcctccca	tgaacccag	gaacctgagt	660
ccttctcagc	ctggtcagat	cgctggccc	gggaacatgc	ccagaagtgc	cagcagcagc	720
agcgagaagc	agagggatcc	tgtcgacccc	cacgtgctga	gggctccagc	cagagctggc	780
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tgctgagag	ccgagccagg	agggcgagc	aggctctagg	ggaccgagaa	cccaagccaa	900
ccagggccgg	gcccagggaa	gagcacccca	gaggagcggg	gaggggcagc	ctctggcgat	960
ttggtgatgt	gccctggccc	tgccctgggg	gaggggaccc	agaggccatg	gctgcagccc	1020
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agcaggtccg	ctggcaccct	gaccgcttcc	tcagcgattc	ccgaagccag	attgagacct	1140
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cagaggccct	caagtgaccc	tagggaagaa	gcaagaaact	tcggggctgc	agcctcagga	1260
tgaggcagaa	ggaagggtaa	gggaaaggat	ggggaccaca	aggaagagcc	aggtgctgct	1320
cagcagagga	tatgggtggg	agcgaaagtt	gtaacaagtg	gggggtgggg	gtgcgggccg	1380
ccaccactgc	tccttgactc	tgccgtttcc	taataagacc	tggttccaca	tctcaaaaaa	1440
aaaaaaataa	agtcatttaa	ccac				1464

<210> 8339

<211> 2648

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (123)...(1544)

<223> similar to gi3687833 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8339

cggtcgacga	tttcgtggcc	cgggctccctg	aggcctgaga	gaggcgaagt	ggggcccttc	60
tgggcgggcg	accagactga	ctcccgcctc	acttgctcgc	gcaggacgag	gcggtggcgc	120
gcgatgtgca	gcggttgcta	gtgcagttcc	aggatgaggg	cgggcagctg	ctgggttccc	180
cgttcgacgt	gcccgtggac	atcaccccg	acaggctgca	gctcgtgtgc	aacgcgctac	240
tggcccagga	ggatcccctg	ccactggctt	tctttgtcca	cgatgctgag	atcgtctcct	300
cactggggaa	gacgttggag	tcccaggcag	tggagacaga	gaaggtecta	gacatcatct	360
accagccaca	ggctatcttc	agagtcgggg	ctgtgactcg	ctgcaccagc	tccttggagg	420
gtcacagtga	ggcagtcatt	tctgtggcct	tcagccctac	gggaaagtac	ctggccagtg	480
gctctggaga	caccaccgtg	cgcttctggg	atctcagcac	agagacacca	catttcacat	540
gcaagggaca	cagacactgg	gtccttagta	tatcctgggc	tccagatggc	aagaagctgg	600
cctcaggctg	caagaatggc	cagattctcc	tctgggaccc	aagcacaggg	aagcaggtgg	660
gcaggaccct	cgctggccac	agcaagtgga	tcacaggcct	gagctgggag	cccctccatg	720
cgaaccctga	gtgccgctat	gtggccagca	gtccaagga	tggcagtgtg	cggatctggg	780
acacaactgc	agggcgctgt	gagcgcatcc	tcaccgggca	caccagtcg	gtcacctgtc	840
tccggtgggg	aggggacggg	cttctctact	ctgcctccca	ggaccgcacc	atcaaagtct	900
ggagagctca	tgcaggtgtg	ctgtgccgga	ctctgcaagg	ccacggccac	tgggtgaaca	960

ccatggccct	cagcactgac	tatgccctgc	gcactggggc	ctttgaacct	gctgaggcct	1020
cagttaatcc	ccaagacctc	caaggatcct	tgcaggaggt	gaaggagagg	gctctgagcc	1080
gatacaacct	cgtgcggggc	caggggtccag	agaggctggt	gtctggctcc	gacgacttca	1140
ccttattcct	gtgggtccca	gcagaggaca	aaaagcctct	cactcggatg	acaggacacc	1200
aagctctcat	caaccaggtg	ctcttctctc	ctgactcccc	catcgtggct	agtgcctcct	1260
ttgacaagtc	catcaagctg	tgggatggca	ggacgggcaa	gtacctggct	tccctacgcy	1320
gccacgtggc	tgccgtgtac	cagattgcgt	ggtcagctga	cagtcggctc	ctggtcagcy	1380
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tgcccggcca	cgcggtatgag	gtatatgctg	ttgactggag	tccagatggc	cagagagtgg	1500
caagtgggtg	gaaggacaaa	tgcctccgga	tatggaggag	atgagacggc	ccgaagtctc	1560
ctctgacccc	cacctcgact	cggcctctgc	cagctgcctt	ccctgccaga	gaacaaaggc	1620
tgagatggca	gtgcacacac	cctccccacc	agtggggacc	tgagaatgcy	tgtggcctgc	1680
tgtcctcgat	agaccggaat	ggggttttcc	cacagatccc	cgcctgtggc	acaccccaga	1740
gccagaaatc	gaaggtcaca	ggaagttgtc	actgaacttg	gcccgtgtct	gctactctgt	1800
accttgctgg	tacagacagg	ggtggtgggc	agccaggctc	tatgagtggg	cccctagtgt	1860
cagctctgta	cagggtcaga	tcccaggttc	tatgaccaa	taagtaactt	aagttttgtg	1920
tgttgggttc	taattccttg	tcctagaatc	cccatgactc	aatcaaggac	tgtgctaaat	1980
gagattgtcc	agcccccgcc	cttgcaactg	actacgccaa	aaccacactg	accaggcact	2040
tgccttccct	ctcttcccc	gtgttggtaa	gagagaggcc	agttgtgata	gtggccaagg	2100
agaatctagg	gctgtattgt	tgtccactgc	agtaggcacc	ggccacatgt	gactgctggc	2160
atgaaataga	agtgcagttc	ctccatcgca	ctgggtgaag	cctccagtat	tggaacagac	2220
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gccacgagaa	ctttcaagca	gtgaaaggaa	ttcccatcag	gactcagacc	ccaggccgag	2520
atcttgccct	gaatgtaccc	tgcctctgct	ttctcctgca	tcccatgcta	agcagggcta	2580
tgggtctgaac	tactcagatt	ggattttcaa	accatccttg	tataaactgc	tcagaactaa	2640
aaaaaaaa						2648

<210> 8340

<211> 1870

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (358)...(950)

<223> similar to gi2370493 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8340

ccggagcccc	aggcgctggt	ggggcagaaa	cgcggcgccc	tgcgtcttct	ggttgcgagg	60
ctggtcctca	ccgtttccgc	tccggcggaa	gtgaggagga	gggtccttcg	accctgtctg	120
agctggatgg	accgcgagac	gcgcgccttc	gccgacagcc	acttccgagg	cctgggggtc	180
gatgtccccg	gcgtcggcca	ggctccgggc	cgggtagcct	tcgtctcgga	gccgggcgcc	240
ttctcctacg	cgcactttgt	gcggggcttc	ttgctgcccc	acctgccctg	cgtgttttcc	300
agcgccttca	cgcagggctg	gggcagccgg	cgcgctgggg	tgacgcccgc	ggggaggccc	360
gacttcgacc	acctgctacg	gacctacgga	gacgtgggtg	taccagttgc	aaactgtggg	420
gtccaggaat	acaactcgaa	ccccaaagag	cacatgactc	tcagagacta	catcacctac	480

tggaaagagt	acatacagggc	gggctactcc	tctcccaggg	gctgtctcta	cctcaaagac	540
tggcacttgt	gcagggactt	tccggtggag	gacgttttca	ccctgcctgt	gtactttctcg	600
tccgactggc	tgaatgagtt	ctgggatgca	ctggatgtgg	atgactaccg	ctttgtctac	660
gcggggcctg	cgggcagctg	gtccccgttc	catgctgaca	tcttccgctc	cttcagctgg	720
tctgtcaatg	tctgtgggag	gaagaagtgg	ctcctcttcc	ccccagggca	ggaagaggcc	780
ctgcgggacc	gccacggcaa	cctgccctac	gacgtgacct	ccccagcact	ctgcgacaca	840
cacctgcacc	cacggaacca	gcttgctggc	ccacccttgg	agatcacgca	ggaagcgggc	900
gagatgggtg	ttgtgccag	tggctggcac	caccaggtgc	acaacctggg	aatgtgctgc	960
ttctcctgcc	ccctatcagg	ggccttctctg	caggaagacg	gcagcaccac	ctccccactc	1020
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gtggtgtcgc	tgaggcctag	cctctgtttc	accactgcc	ggtccctggg	tctacttget	1140
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tggcgaggga	gatgtgggtt	ggtcaggggg	cacctgccat	gggctcaggc	ctgcctgcac	1320
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tggccaacat	gtggcgcttc	ttgcagcagg	agctatgcgc	cgtcgaggag	gaggtcagcg	1440
agtggaggga	ctccatgccc	gactggcacc	accactgcca	ggtggggtgg	ctacgcatgg	1500
aggctaccct	cctgggggag	gcttttaggc	tgcattggctc	agactccctt	ggtcacgcgc	1560
cagcttctca	gtgcctctgt	cttaattggc	ccttctctgt	ccttggggac	tgggcacatg	1620
tcgggtcctt	tgcagcttgg	actgtgtcca	tgggtgttagc	tcactggcct	cttccctctg	1680
cccaggtcac	catgaggctc	tgtctgggca	tcaactttga	agagttttac	cacttccctca	1740
aggctatcgc	tgagaagagg	ctcctggtcc	tgaggagggc	agccgctgag	gacgggtgctg	1800
ggttggggtt	cgaacaggca	gcctttgatg	ttgggcgcac	cacagagggtg	ctggcctcct	1860
tggttgcgca						1870

<210> 8341

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1002)...(537)

<223> similar to gi4929266 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8341

ttccttctgc	atagcggtttt	atgggttcttc	actctctcag	tttcaggcag	gaagactcat	60
cctgagctga	gctgcttttt	ttgaagttgt	gcaagaacgt	cctgttggct	ggggcaaatt	120
cagtatttct	tttcctggcc	actgtgctgg	agcgtgagga	aagactctcc	accctcactc	180
ccagatcctg	caggaggcgt	gagagcggat	ggagatgggt	aggatgtcta	ttaatatggg	240
gtttcctgca	aaacgggtgcc	catctcaacc	atgggttgctc	aaccatcctc	ggtgtctaca	300
actgcaattt	acctttgagg	gcccattgaac	tctgattacc	tgaaagtcct	taggccagaa	360
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atgccttggc	cctcaggaag	catcagatct	caaactgcag	ggtctggggc	tgaagctgat	480
gctggcatgg	gtgactcaga	gttcctctat	tagttcaaat	atgtaatatc	ttttagagcc	540
taggactcag	gctggaggca	attccttggg	gccagttggg	taatacttta	tgaatagtgg	600
tgggggaggg	aatgccttgg	actattaatg	tccccatgga	tctggatcct	ggagaacttc	660
cagtgtcctg	gatggaatgt	tctgcttggc	tcactctgcc	cagagaagag	ccaggatatg	720
agaagatggg	agagggaagg	gggaggtgtg	aaacgtgctg	gtgcttctctg	tcctcgtggg	780

gtgatggctg	cccaggctgc	tccttcgagg	caggacagga	ttcccatggg	agatatgagg	840
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ttactgatag	tccaggcatc	agttcatatt	gtcctttatg	gcagatcctg	cacaaggggg	960
ttctctgtct	ctggaccac	tctgtcagca	tggacatcct	ttttcttttt	ccctgagcag	1020
gggcaccagt	gccaggcaga	gaagagagta	accagcatca	ggagcagcga	gacaggcacc	1080
accaccagca	gcacatcttt	gtaggaggcc	ttccctgggtg	ctgcctcatg	atgacagcta	1140
tcccagggcg	tgactgtggc	caagtcccag	ctgacagggt	tggagacaat	gcaggaatag	1200
gccacatctc	tgtctccggt	a				1221

<210> 8342

<211> 5207

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (174)...(3686)

<223> similar to gi31422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8342						
ccggatgtcc	agttcgaccc	acgcgtccgg	cctgttgcc	ctgtgagaaa	gtaccactgt	60
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acgggcctcc	tgacgtgcc	cctggggcca	caggtccctc	gagtgtgga	aggatgaagg	180
attcctgcat	caactgtgatg	gcatggcg	tgtgtctg	gttctttttc	ttcgccgg	240
cctcgagcta	caacctggac	gtgcggggcg	cgcggagctt	ctccccaccg	cgcgcgggga	300
ggcactttgg	ataccgcgtc	ctgcaggctg	gaaacggggg	catcgtggga	gctccagggg	360
aggggaacag	cacaggaagc	ctctatcagt	gccagtcggg	cacaggacac	tgctgccag	420
tcacccctgag	aggttccaac	tatacctcca	agtacttggg	aatgacctg	gcaacagacc	480
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ggcgccctgg	ttttcaggaa	tgtatcaagg	gcaacgtaga	cctggtattt	ctgtttgatg	660
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tcacgaggat	tggaaagcat	tttcagacca	aggagagtca	ggagaccctc	cacaaatttg	1080
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tattcactga	gctgcagaag	aagatctatg	tcattgaggg	cacaagcaaa	caggacctga	1200
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cagtcgtggg	ggcagtagga	gccaaggact	gggctggggg	ctttcttgac	ctgaaggcag	1320
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gacactggag	ccagggtccag	acaatccatg	ggaccagatg	tggctcttat	ttcggtgggg	1560
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cccctctgga	ggagcagggg	gctgtgtaca	tcttcaatgg	gaggcacggg	gggcttagtc	1860
cccagccaag	tcagcggata	gaagggaccc	aagtgtcttc	aggaattcag	tggtttggac	1920
gctccatcca	tggggtgaag	gaccttgaag	gggatggctt	ggcagatgtg	gctgtggggg	1980
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ccttctctcc	agctgagatc	ccagtgcagt	aagtggagtg	ctcctattca	accagtaaca	2100
agatgaaaaga	aggagttaat	atcacaaatct	gtttccagat	caagtctctc	tacccccagt	2160
tccaaggccg	cctggttgcc	aatctcactt	acactctgca	gctggatggc	caccggacca	2220
gaagacgggg	gttgttccca	ggagggagac	atgaactcag	aaggaatata	gctgtcacca	2280
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cccccatcaa	tggttccctg	aatttctctc	tttgggagga	ggaagggaca	ccgagggacc	2400
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gggagatccc	ttttgagaag	aactgtgggg	aggacaagaa	gtgtgaggca	aacttgagag	2520
tgctcttctc	tcttgcaaga	tccacagccc	tgcgtctaac	tgcttttgcc	agcctctctg	2580
tggagctgag	ctgagtaaac	tggaagaag	atgcttactg	ggtccagctg	gacctgcact	2640
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5207

<210> 8343  
<211> 2407  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2245)...(990)  
<223> similar to gi405192 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ggatgggagt agctataatt gccaggggtg aggccacagt agaggcacac aggaagtggg 180  
agagtagcag cctccctcca tcctcctacc tcggggccaaa gggaggaaat gggagggaagg 240  
acaagtatac aaaggaagat ggaagatact ggaaaggcat actccacctt ttactaaatt 300  
cctgaaagcc cctaaatgcc tcacaggaca gatcactctc acacctcctg gcaggacaga 360  
tcactctgag gcctcctggc aggatagatc acttccatgc ctccctagcaa gatgctgagg 420  
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aaactcagtc ctcttgattc agaggctcta agggttttcc ttgacagact aaagggttaa 600  
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ccgcaggggg	ggccccgggt	ctctccgttc	ctttgagtat	gttgtgggga	gtggagctcg	2340
gatagtctct	agagtctagg	caagaaaagc	agcactgcag	gtacagcgcc	tcctcttccc	2400
gcaaaat						2407

<210> 8344

<211> 4120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (252)...(1897)

<223> similar to gi3327192 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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agatgaagct	ctgtgtccaa	aacagccacc	aggaagctcg	aaacatgtta	cttcaaaatc	540
cacaactggc	ttatgacttg	ttgcaggcac	aagtagtgat	gagaatcatg	gatccagaga	600
ttgtctgtaa	aattctgcat	cggaagatac	atgtcacacc	actgatccca	ggcaaattctc	660
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gaagggctgt		aactgaaaat	tattaaatgt	tagtcttttag	tcaaactctc	gcattgtttc			4080
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<210> 8345

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (780)...(283)

<223> similar to gi2546964 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8345

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ttcgggcaat	atacttcac	ctacccatcc	cacccaaatc	ttactctact	catctcattc	180
tcattaat	tgggaaatca	tcagaagatg	tgttcgttga	gtaagagatt	aaaaagaaat	240
aagctttttg	accctggcc	aacaccccat	gccaggggtg	gtcacccctc	aatacaataa	300
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actttcaggg	taagggtgat	ggtcttctct	ttgtcaatgc	cataagatga	gaggcttctc	600
cgtggcttta	agatcttgga	gccagcaaaa	agaacctggg	cctgcacagg	aaccttgggtc	660
ttagaccgga	catgttcttt	gatttttttc	acgctgtcat	atgggttggc	atcaaagggtc	720
attaaatccc	attcctcgga	acggacatgc	acacagaggc	aggaagcatt	gggagccatc	780
tctgcagaca	aggggcc					797

<210> 8346

<211> 1845

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (113)...(1313)

<223> similar to gi5457171 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8346

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cttactgggc	ctgctactcc	tggggcacct	aacagtggac	acttatggcc	gtcccatcct	180
ggaagtgcc	gagagtgtaa	caggaccttg	gaaaggggat	gtgaatcttc	cctgcacct	240
tgacccctg	caaggctaca	cccaagtctt	ggtgaagtgg	ctggtacaac	gtggctcaga	300
ccctgtcacc	atctttctac	gtgactcttc	tggagaccat	atccagcagg	caaagtacca	360
gggcccgtg	catgtgagcc	acaaggttcc	aggagatgta	tccctccaat	tgagcacct	420
ggagatggat	gaccggagcc	actacacgtg	tgaagtcacc	tggcagactc	ctgatggcaa	480
ccaagtcgtg	agagataaga	ttactgagct	ccgtgtccag	aaactctctg	tctccaagcc	540
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taaccaggaa	cccatcaaag	tagcaaccct	aagtacctta	ctcttcaagc	ctgcggtgat	720
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aactttggc	tcttgccacc	agaagaccgc	agggaggctc	agctctgcca	gctcagagga	1680
ccagctatat	ccaggatcat	ttctctttct	tcaggggccag	acagctttta	attgaaattg	1740
ttatttcaca	ggccagggtt	cagttctgct	cctccactat	aagtctaattg	ttctgactct	1800
ctcctggtgc	tcaataaata	tctaatacata	acagcaaaaa	aaaaa		1845

<210> 8347

<211> 2238

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (467)...(1478)

<223> similar to gi3875131 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8347

cctgcacctt	cgccccgcgt	acctactcct	gccccgcctt	gccattctct	tccccctcct	60
tctctctgcg	acccttccct	gttaggcccc	agcctcttct	ccctcacag	gtcttctctg	120
tcctggcctc	accgccttat	cctattctct	tccttgccc	tgtgtcttgt	ctcagagccc	180
cctcgggggtg	ggagtaggtt	gtggagcagc	acaactgggc	tcaccccaaa	gcagaacttc	240
tcaatccatg	aggacaatgg	ggaggccttt	aggccagccc	acatgtgaca	atggagggtc	300
gcggcttcct	tgccggagagc	acaagtgagc	tcactgcctt	ggactccagg	gaatcagagt	360
tctggccgcg	gggtgaccca	gctcctctgc	taccatgaat	agggccctc	tgaagcgggc	420
cacgatcctg	cacatggcgc	tgaccggggc	ctcagacccc	tctgcagagg	cagaggccaa	480
cgggggagaag	ccctttctgc	tgccggcatt	gcagatcgcg	ctgggtggtc	ccctctactg	540
ggtcacctcc	atctccatgg	tgttccttaa	taagtacctg	ctggacagcc	cctccctgcg	600
gctggacacc	cccattctcg	tcaccttcta	ccagtgcctg	gtgaccacgc	tgctgtgcaa	660
aggcctcagc	gctctggccg	cctgctgccc	tggtgcccgtg	gacttcccca	gcttgccgct	720
ggacctcagg	gtggcccgca	gcgtcctgcc	cctgtcgggtg	gtcttcacgc	gcagatcac	780
cttcaataac	ctctgcctca	agtacgtcgg	tgtggccttc	tacaatgtgg	gccgctcact	840
caccaccgtc	ttcaacgtgc	tgctctccta	cctgtctgctc	aagcagacca	cctccttcta	900
tgccctgctc	acctgcggta	tcatcatcgg	gggcttctgg	cttgggtgtg	accaggagg	960
ggcagaaggc	accctgtcgt	ggctgggcac	cgtcttcggc	gtgctggcta	gcctctgtgt	1020
ctcgctcaac	gccatctaca	ccacgaaggt	gctcccggcg	gtggacggca	gcactctggc	1080
cctgactttc	tacaacaacg	tcaacgcctg	cactctcttc	ctgcccctgc	tcctgctgct	1140
cggggagctt	caggccctgc	gtgactttgc	ccagctgggc	agtgccact	tctgggggat	1200
gatgacgctg	ggcggcctgt	ttggctttgc	catcggctac	gtgacaggac	tgagatcaa	1260
gttcaccagt	ccgctgaccc	acaatgtgtc	gggcacggcc	aaggcctgtg	cccagacagt	1320
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accctggatg	gcccggcccc	ggggcccgta	cacaggcggg	gccagcacag	tagtgaaggc	1560
gggtctcctg	accccgagaag	cgtgctgtgg	tgtggactgg	gtgctactta	tagaccaat	1620
cagaatacgg	tggttgagaa	ggaaccagtg	tttacaagta	atatcagaaa	gttgaggaa	1680
ccagtgttta	caagtaatac	cagaaaagttg	ccaaaccctt	ctctatcctc	tcgtatttct	1740

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cagggcctgt	ctgcctccac	atcactctga	ggacagggac	aggcaacaac	cttgaaggga	1860
cagcaatggc	aaagccacaa	aggcttcact	gtactcaggg	gagatggccc	taccacagcc	1920
acctggagag	ggttgggaag	ccttccgtct	gcggtgggca	ggcagcctca	ccctgggccc	1980
acagaccggc	cttccttttg	aggaaagtgt	ggcctggact	gagggaggaa	atgagcgagt	2040
tccctctgac	accagcagat	cccaggggc	tgctgggcag	tggcctggga	atgggggtga	2100
ttgtgagaaa	gtgctcacca	tctatacacc	ctgtatgtcc	agcttttgaa	cacaagggaa	2160
ccatgcttct	ctttagaggt	ttaaagcagg	gtcatttaac	atcctccccc	agtcacctaac	2220
atcacattgt	cctgcgtg					2238

<210> 8348

<211> 1659

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1660)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (619)...(1606)

<223> similar to gi2342743 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8348

ctgagacggg	aagatagtct	tcaggaaaga	cacacaaagg	taacttgtgc	agagggagat	60
ggcaaattta	tancttctca	gaaacccagt	aatgataagt	aaccaaggac	ttccaccaa	120
gtcagtocca	cgatgacgat	ggtcagccag	agtattgata	acctcttaga	atcatccaga	180
aacaagtcac	tcttcatctg	tccagcaaag	gcctgtctag	cgtggaggcc	tcagaacgtg	240
aggaaggagc	tgtccagcac	ggatgagtcc	aggcagctgt	cgacgtccag	cacctgtctc	300
ccggcaggtg	tggggctcgg	gctcccagcc	accttgtctc	gggacatccg	gaagagaaag	360
aggatggcca	ggtagacggg	atagacaacc	acgctggaca	tccagagggc	cacctgtctc	420
gttctctca	tctgctctct	cctgggcgcc	aacgccgtgt	ggtacggggc	tgttggtgac	480
tctgctaca	gcacggggca	tgtgtccagg	ctgagcccgc	tgagcgtcga	cacagtcgct	540
gttggcctgg	tgtccagcgt	ggttgtctat	cccgtctacc	tggccatcct	ctttctcttc	600
cggatgtccc	ggagcaaggt	tatcaatact	ctggctgacc	atcgtcatcg	tgggactgac	660
tttggtggaa	gtccttgggt	acttatcatt	actgtgtttc	tgagaagtta	taaatttgcc	720
atctccctct	gcacaagtta	cctttgtgtg	tctttctga	agactatctt	cccgtctcaa	780
aatggacatg	atggatccac	ggatgtacag	cagagagcca	ggaggtccaa	ccgccgtaga	840
caggaaggaa	ttaaaattgt	cctggaagac	atctttactt	tatggagaca	ggtggaaacc	900
aaagtctgag	ctaaaatccg	taagatgaag	gtgacaacaa	aagtcaaccg	tcatgacaaa	960
atcaatggaa	agaggaagac	cgccaaagaa	catctgagga	aactaagcat	gaaagaacgt	1020
gagcacggag	aaaaggagag	gcaggtgtca	gaggcagagg	aaaatgggaa	attggatatg	1080
aaagaaatac	acacctacat	ggaaatgttt	caacgtgcgc	aagcgttgcg	gcggcgggca	1140
gaggactact	acagatgcaa	aatcacccct	tctgcaagaa	agcctctttg	caaccgggtc	1200
agaatggcgg	cagtggagca	tcgtcattct	tcaggattgc	cctactggcc	ctacctcaca	1260
gctgaaactt	taaaaaacag	gatggggccac	cagccacctc	ctccaactca	acaacattct	1320
ataattgata	actccctgag	cctcaagaca	ccttccgagt	gtctgtctac	tccccttcca	1380

ccctcagctc	taccctcagc	ggatgataat	ctcaagacac	ctgcggagtg	tctgctctat	1440
ccccctccac	cctcagcggg	tgataatctc	aagacacctc	ccgagtgtct	gctcactccc	1500
cttccaccct	cagctccacc	ctcagcggat	gataatctca	agacacctcc	cgagtgtgtc	1560
tgctcactcc	ccttccaccc	tcagcggatg	ataatctcaa	gaaactaagg	aagaataaat	1620
aaataatata	aaaataaaaat	gaatactgca	gtcaaaaaa			1659

<210> 8349  
 <211> 3629  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3630)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (86)...(712)  
 <223> similar to gi4008441 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8349						
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gagtcaccgc	accgctcccc	ggatcatggt	gttctacttc	accagcagca	gcgttaattc	120
atctgcctac	actatttac	tgaggaaaaga	taaatatgaa	aatgaagatc	tgatcaagca	180
tggctggcct	gaagatatct	ggtttcatgt	ggacaaactc	tcttcggctc	atgtatacct	240
tcgattacat	aagggagaga	atatagaaga	catcccaaag	gaagtgtcta	tggactgtgc	300
ccaccttgtg	aaggccaata	gcattcaagg	ctgcaagatg	aacaacgtta	atgtgggtata	360
tacgccgtgg	tctaacctga	agaaaacagc	tgacatggat	gtggggcaga	taggctttca	420
caggcagaag	gatgtaaaaa	ttgtgacagt	ggagaagaaa	gtaaatgaga	tcctgaaccg	480
attagaaaag	accaaagtcg	agcggttccc	agacctagca	gcagagaaaag	aatgcagaga	540
tcgtgaagag	aggaatgaga	aaaaagccca	aattcaggaa	atgaaaaaga	gagaaaaaga	600
agaaatgaag	aagaagaggg	aaatggatga	acttaggagc	tattcatcac	taatgaaagt	660
tgaaaatatg	tcttcaaata	aggatggcaa	tgattcagat	gaattcatgt	aaaaggagaa	720
aaggagaaaa	ggacctttga	aagatgtgaa	tgtagagaca	attgcagacc	ttttggtttc	780
atctgtgttc	tgaagtataa	aatacaacca	aaattctacc	ttcatcctac	ccagaaatta	840
ttgattttca	agtttttaaaa	aaattgtacc	ttttttgctg	acagaaaagg	atcagatatg	900
tataaaatag	ttgaacttga	cagcatataa	cttaaagtga	aaatgttttt	gccagaacat	960
gtcttggtac	cttgtgaaag	caggctgccc	ttgttcttga	gatagacttt	aaaatgaacc	1020
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tttcagaaga	ttgtcagctt	cagtattcac	gttccatcgt	gtcatctggg	tctgttagtg	1260
tagtgaccct	cagtgcagtc	tgtcccagcg	tttatgtcct	tgcttcctct	gagcagaggc	1320
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gatgtagggt	acctgatttg	tgccttagga	tgcagcgtga	agcagaagtc	catattgcaa	1560
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tgcagcagat	attccacctg	taatagcact	ttggaactgt	gggcaaaacc	aaaaggctag	1680
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ctcactggcc	aaattttgag	agggatataga	aaatgacttt	agagatgagt	ggttttgtgt	1800
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acatctcaga	tgtattcgta	gctgtgctcc	ttccatactt	ccaaggagtc	cggcttctac	2160
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tggtcccagg	gaaagcaagg	aaattttctt	ttgaggactt	ataggttgat	tgcccacagg	2460
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cctgccgggc	acgtgtgagt	tcagcgtggg	caagagactt	ttatgcacat	tctgtcatte	3540
aaaagggaaa	tgatgccaac	cccagatgca	gcatgtcctg	aatgaatgat	ctgtaaaata	3600
caataataaa	agcttatagt	ttgagtaga				3629

<210> 8350

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (462)...(586)

<223> similar to gi65183 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8350

atcaccatgc	agagcaagcg	cccatccaat	gctaggcgga	gccaccgtct	tttgcagaac	60
aattgtgcag	gttccaaagc	ctcggaagac	cggagaggcg	catcttgccg	gctacgggtg	120
aaaccggttc	actgggtgat	tctgaagcta	gaagggcagc	cgaatggcct	cccccccgctc	180

ctgcccctcg	tccactgtaa	gctcaggggg	gagcgggacc	cagggaggtg	aagtgcacag	240
actcggcaga	ggcggcgggc	agaaccgcgg	gggtgagagg	gcgcggtggc	tgtggggcgg	300
gagccgctgc	tgaaaggagg	cctgggttgt	tgggaggggtg	actgtccgtg	gaatcttttg	360
cggaggggtg	tttggaaaga	tggcgagggg	agagcagagg	agaaggtggg	gaccctgatc	420
gtccgccagg	ggagagtagg	ctgtgctgtc	cctcctctcc	ccttatgtgg	cgggggacat	480
acagtgggtca	ggaagggggg	tctccccgga	ggaggctagt	ccaccacact	tcggctccgc	540
tgacccctgc	gatttctcca	catgcggggc	cctcgtccgc	ggtggtgttt	gcgctatccg	600
gcggctgggt	tcgcgcactc	actctcctga	catgccttgg	ctcaccgccg	acgcggatat	660
cgccgccagg	gacccttccc	gccctcctac	aaatcttgag	tgcgcttcct	tgggtgttctc	720
a						721

<210> 8351

<211> 2008

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2009)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (335)...(1572)

<223> similar to gi5360095 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8351

cggaaatttcc	gggtcgacga	tttcgtcccg	gtaccgcggag	cggctctgat	tcatggttta	60
acttgtggcc	ctaaagaact	ggaaacccaa	aggaacgaat	attcctgccc	cacagagtcc	120
cgtcttttgt	gaggctgttt	ctggagttaa	catgatgacc	aaggtagtag	gcatggcccc	180
agttctgggc	cctaggcctc	cacaggagca	agtggggcct	ctgatggtaa	aagtcgagga	240
gaaagaagag	aaaggcaagt	accttcctag	cctggagatg	ttccgccagc	gcttcaggca	300
gtttgggtac	catgataccc	ctggaccccg	agaggccctg	agccaaactcc	gggtgctctg	360
ctgtgagtgg	ctgaggcccc	agatccacac	caaggagcag	atcctggagc	tactggtgct	420
ggagcagttc	ctgaccatcc	tgccccagga	gctccaggcc	tgggtgcagg	agcattgccc	480
ggagagcgct	gaagaggctg	tcactctcct	cgaagatctg	gagcgggaac	tggatgagcc	540
aggacaccag	gtctcaactc	ctccaaacga	acagaaaccg	gtgtgggaga	agatatcctc	600
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tgagcagaaa	ggttctgaag	cagaggggct	caaaggggat	ataatttctg	tgattatcgc	840
caataaacct	gaggccagct	tagagaggca	gtgcgtaaac	cttgaaaaatg	aaaaaggaac	900
aaaaccccct	cttcaagagg	caggctccaa	gaaaggtaga	gaatcagttc	ctactaaacc	960
taccccagga	gagagacgtt	atatatgtgc	tgaatgtggc	aaagccttta	gtaatagctc	1020
aatctcacc	aaacacagga	gaacacacac	tggggagaaa	ccttacgtgt	gcaccaagtg	1080
tgggaaagct	ttcagccaca	gtcaaaacct	caccctccac	tacagaacac	acttgggtgga	1140
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tcagagaatg	cacacagaag	aggcgccata	tcagtgcaaa	gattgtggca	aggctttcag	1260
cgggaaaggc	agcctcattc	gtcactatcg	gatccacact	ggggagaagc	cttatcagtg	1320

taacgaatgt	gggaagagct	tcagtcagca	tgcgggcctc	agctcccacc	agagactcca	1380
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cttcaataaa	caccacagaa	tccacaccgg	ggaaaagccc	tactggtgtc	atcactgtgg	1500
aaagaccttc	tgtagcaagt	ccaatctttc	caaacatcag	cgagtccaca	ctggagaggg	1560
agaagcaccg	taactttcaa	gcgctcctgt	tggtgtcgtt	gttttaaact	ttagaatctg	1620
aaaaccagaa	agaagtcttg	tcattgcagc	agcatcgatt	ccggtgatag	agtttgatc	1680
actcaacatc	aggggatgcc	tgaggagtgc	gagctccaca	gcaacatggc	aggcaggagg	1740
tcctcagaag	gtgtcaggag	gttccacact	cgccagttca	ctggagcaga	gtcccctcgc	1800
cacacttagg	gtcccaggac	atggccatag	ggtgagtctg	ttcccactgg	gcccactgag	1860
atggatttgg	gccaggactc	catttatcag	ctgacctgtg	tctggagggc	aatggntcat	1920
cactctgcta	tcttctcctg	gagtttacac	aagcccttca	gagtgtaaac	accgatgtgg	1980
attcaatccc	actttcggag	agaggatc				2008

<210> 8352

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (73)...(554)

<223> similar to gi4200249 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8352

ggaagagccg	tcaacttagc	gagcgcaaca	ggctgccgct	gaggagctgg	agctgggtggg	60
gactgggccc	caatggacaa	gctgaagaag	gtgctgagcg	ggcaggacac	ggaggaccgg	120
agcggcctgt	ccgaggttgt	tgaggcatct	tcattaagct	ggagtaccag	gataaaaggc	180
ttcattgcgt	gttttgctat	aggaattctc	tgctcactgc	tgggtactgt	tctgctgtgg	240
gtgcccagga	agggactaca	cctcttcgca	gtgttttata	cctttggtaa	tatcgcatca	300
attgggagta	ccatcttcct	catgggacca	gtgaaacagc	tgaagcgaat	gtttgagcct	360
actcgtttga	ttgcaactat	catggtgctg	ttgtgttttg	cacttaccct	gtgttctgcc	420
ttttggtggc	ataacaaggg	acttgcaact	atcttctgca	ttttgcagtc	tttggcattg	480
acgtggtaca	gcctttcctt	cataccattt	gcaagggatg	ctgtgaagaa	gtgttttgcc	540
gtgtgtcttg	cataattcat	ggccagtttt	atgaagcttt	ggaaggcact	atggacagaa	600
gctggtggac	agttttgtaa	ctatcttcga	aacctctgtc	ttacagacat	gtgcctttta	660
tcttgccagc	atgtgttgct	tgtgattcga	acatttgagg	gttacttttg	gaagcaacaa	720
tacattctcg	aacctgaatg	tcagtagcac	aggatgagaa	gtgggttctg	tatcttgtgg	780
agtggaaatc	tcctcatgta	cctgtttcct	ctctggatgt	tgtcccactg	aattcccatg	840
aatacaaac	tattcagcaa	cagcacataa	gccttggttg	caagtgattc	ccagggtggca	900
aaaggcagcc	ccatcagaga	tcacgggagc	aacagtaagg	gacagagttt	tgggggtccac	960
ttgtccctca	gcatggaagc	catcaccgtg	gtcctgcata	gagtgaagtct	acttctactc	1020
tggcatctga	gaacaagtga	ctctgcttta	gacaagcccc	tggagagcct	ggccatggag	1080
tgaggtagaa	agaagcact	ttttggtggt	atatgctgtt	tctgaatttg	aatctaagca	1140
ttcttggtgt	tctgattctg	cgcctgactg	tggaatgtat	tttctgacat	taggtgcaga	1200
ctctttttct	cttgggtttt	atttcccatc	cctccctccc	tctccctgca	tatctttctt	1260
tatgacctcc	tggcactaga	tggggaaaga	acagagcagc	agcagcagaa	aatgctgctg	1320
ttttttttgg	aca					1333



```

<210> 8353
<211> 1209
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (261)...(477)
<223> similar to gil63086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8353
tttcgtggac tagtccctgg gctgcagccg ctgctacaca tactcacaac gctgccgccg      60
cgctccgtgg gcaactccta ctactgctgg gctgggctgg gctgggctgg gctgccgccg      120
agctcgcttg cacagatcag ctccggagag gggaaaacca cgctcctcgg accaagcctc      180
gggagctaag ccagatctgc cagtgagcct caggctttag gaactgaaga gtgtttctga      240
aagatctatc cagcactccg atggccagca acaacaccgc cagcatagca caagccagga      300
agctggtaga gcagcttaag atggaagcca atatcgacag gataaagggtg tccaaggcag      360
ctgcagattt gatggcctac tgtgaagcac atgccaagga agacccccctc ctgacccctg      420
ttccggcttc agaaaacccg tttagggaga agaagttttt ctgtgccatc ctttaagtct      480
ttgagagggg cctgaagagc ctccgggctc ctgggacatt gatgtagagt ttttagtgaa      540
gtgggcacct ttctagtccc cgggcatttg aaaagagcga ggagaaccat tctggaaact      600
ttaggctatg catgttttaa gatctggtcc cctttatgag aatgcaagcc gatccccatc      660
ctgacttaag agatctgatt ctgacgaact gcctggagga ggggaatata taaaaataaa      720
attggtgtca cttctttttt gctatccccc agcccccccc ccccaaaatc ctcatgtttc      780
tgcttcatat tttgaaaaat aacaattaaa acagacagct gtactgaggt aagatatgtg      840
tgaccttctt ggaatgaata ttgtctttag aatacccttt gataagctga gctgtcccgt      900
gtagatgcaa ttcggtttta tggcattgat gtatagtcac tgtgcctttc tttttctttc      960
ttccttctcc tctacccctc cttccacccc tccccattag agtagtgtgg agataaggct     1020
ggactggtct atcagattga actccaagaa tgatcacaca aaatgttttag ggagatgttc     1080
cccgtggtgt atcctcatgg taacaacgac aaaaaatgcc gggtgtcttt gttctctttt     1140
cactattcct aacatgggta catgatagct ttgattctgc aagtaaaagt aaatcctgtg     1200
ttgtgaaaa

```

```

<210> 8354
<211> 1699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(1398)
<223> similar to gi5714737 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8354
gctgcggggcc ggtgaagata tggcggcgctc tgcgtctgca gctgcagggg aggaggactg      60
ggtccttccc tctgaagttg aagtattgga gtccatctat ctagatgaac tacagggtgat      120
taaaggaaat ggcagaactt caccatggga gatctacatc actttgcac ctgccactgc      180
agaggaccag gattcacagt atgtctgctt cactctgggtg cttcagggtcc cagcagagta      240
tccccatgag gtgccacaga tctctatccg aaatccccga ggactttcag atgaacagat      300
ccacacgata ttacagggtgc tgggccacgt ggccaaggct gggctgggca ctgccatgct      360
gtatgaactc attgagaaag ggaaggaaat tctcacagat aacaacatcc ctcatggcca      420
gtgtgtcatc tgctctatg gtttccagga gaaggaggcc tttacaaaaa caccctgtta      480
ccactacttc cactgccact gccttgctcg gtacatccag cacatggagc aagagctgaa      540
ggcacaagga caggagcagg aacaggaacg gcagcatgct acaaccaaac agaaggcagt      600
cgggtgtgag tgtccagtgt gcagagagcc cctcgtgtat gatcttgct cactgaaagc      660
agcccctgaa cccaacagc ccatggagct gtaccagccc agtgcagaga gcttgcgcca      720
gcaagaagaa cgcaagcggc tctaccagag gcagcaggag cgggggggaa tcattgacct      780
tgaggctgag cgaaaccgat acttcacag ccttcagcag cctcctgccc ctgcggaacc      840
tgagtcagct gtagatgtct ccaaaggatc ccaaccaccc agcacccctg cagcagaact      900
atccacctca ccagccgtcc aatccacttt gccacctcct ctgcctgtgg cgaccagca      960
catatgtgag aagattccag ggaccaggtc aaatcagcaa aggttgggcg aaaccagaa     1020
agctatgcta gatcccccca agcccagtcg aggtccctgg cgacagcccg aacggaggca     1080
cccaaaggga ggggagtgcc acgcccctaa aggtaccctg gacaccagc aactgccacc     1140
tcttgagggg cccctcaagg agcccatgga cctaaagcca gaacccata gccaggagt     1200
tgaaggtcct ccacaagaga aggggcctgg cagctggcag gggcccccac cccgcaggac     1260
tcgggactgt gttcgctggg agcgtctctaa aggcgggaca cccggttctt cctaccctcg     1320
cctgcctcgg ggccaggagg cataccggcc tggtaactcg agggagtccc tgggcctgga     1380
atctaaggat ggttcctagc aggacttggg ggggggaaca ggggaattggg gatgggaggg     1440
aggcaataaa gatatttggc cttctttggc tttctttgct tagcagcgcc tagcctgtga     1500
ggaatggctc tttttctcaa ttcctaataa gattgggggtg tggcagagca gcccccaact     1560
ttgctctgaa gtctgttctc cgaagagctg ggtaaagagg gtctgacatc tcatcagcta     1620
gtatagttag tttcagggaa aactattggg atgtctgcat gtaagcagag tccttaggac     1680
ccaccgttaa caactcatt

```

```

<210> 8355
<211> 1545
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1279)...(718)
<223> similar to gi33969 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8355
ggtcgacttt tttctttctc ctctttttga gacggtctca ctctgtcacc caagctggag      60
ttgcagtggc gtgatctcca ctactgtag cctctgcctc agttcaagcg attctcctgc      120
ctcagcctga gtagctggga ctacagtggg gcgcctggct aatttttgta tttttagtaa      180
agacagggtc tcaccgtgtt ggaccaggct ggtctcgaac tcctggcctc aagtgatcca      240
cccaccttgc tcagcctccc aaagtgcctg gattacaggc ctgagccacc gtgcccggcc      300
atgttgcttt tataattgag atatttcatt tgttttgggg gttaggcaaa tttaatttgc      360

```

cattcctcaa	actcagtaac	ttcaaatata	aacaatgcct	agaatgaata	tggttcctca	420
ttattttctat	caaactacta	caaatactga	agaatcccaa	agtagttttc	cacagaggca	480
gaaaagcagt	tcaggggttg	aaaatcttca	atattaataa	gccctgggac	attcaaattg	540
cacttcatat	ttcaaggtaa	tgcaatatga	atcataattc	attatatatt	gtccccaaga	600
gttacttcaa	ttccgtattc	accagttctt	acgatttgga	aaaaaaaaact	tgaatgtttc	660
cagatgaaat	gtaatcccca	agccttgtgt	gtcaacattc	tagtgaatct	ctatttaa	720
gagaggcgct	ccaaaacact	tcttgcacca	ctcgacactg	gcacttgggtg	gagcatcaat	780
tttctgcaac	ctttcaagaa	tctctgaaga	cagactattg	tatgcaattc	catattcatt	840
gtcaaatgcc	tcaatatcaa	tattctctct	tcctagagac	actaatgata	agaagaggat	900
ttctctgtat	aaactccttt	gtcttttcat	gcctggcctc	atttgctgtg	aaagtaggtt	960
gatgggttta	agaacattat	tgtgctgaat	actctgcctg	atggtttcta	ctaaagtgtc	1020
tgtttcttgt	tgttcctctg	acaggagaga	tgatttcttt	tcagaattaa	aattcctcca	1080
tgagacatac	agaggttctc	ttggttcctg	atgaagggtg	atattatccc	ataacagctg	1140
aatatacaca	agtttgctat	cctgggacag	agatgacaga	ggaagctgta	caccttcatt	1200
acaatgttca	gatgtgagga	taagtcctgg	caagttacta	ggaaggtcca	aacgtctgaa	1260
ataccaaacg	aggggtccaga	aaatgattgg	atgttgattg	atgaaagaag	atgtatgaat	1320
cacctgatca	ccttcatttt	ctagcaaa	ttcaagttct	ttacggagta	ctagaggact	1380
caagtagggc	acagaaacag	gggagcagtg	ggtctttgtc	gtaaagcatc	agcatcttcc	1440
cgcacactac	gtggtagact	gacggccagg	atgccatgta	tcggtcgctg	gatagagtca	1500
atattctgca	gcgggcctgc	gtcactgtgc	gtacgtgttg	ttcag		1545

<210> 8356

<211> 1295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (256)...(837)

<223> similar to gi5138930 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8356

ggaaataaccg	cggcgcggac	ggtagttgct	gtggtttccg	ttctgagctc	gcagcttagg	60
agctgaagat	cgcggactta	gcgttgccgc	gtccgagtcc	ggccatcagt	ggctgcagat	120
ccggaggcca	ggagctcaac	caccttctt	cggaacaggg	ccggcctgct	gctgtgccct	180
cgacgctcgg	tgctgtatc	tactccgggg	cctaggtcgg	ctccgggggc	ggcttaggag	240
aaggccgccc	gcgagatgtt	caaaaacacg	ttccagagcg	gcttctctc	catcctctac	300
agcatcggca	gcaagcctct	gcaaatctgg	gacaaaaagg	tacggaatgg	ccacatcaaa	360
agaatcactg	ataatgacat	ccagtccctg	gtgctagaga	ttgaaggac	aaatgtaagc	420
accacatata	tcacatgccc	tgacagcccc	aagaagacgc	tggaattaa	acttctttc	480
cttgtcatga	ttatcaaaaa	cctgaagaag	tattttacct	tcgaagtgca	ggtactagat	540
gacaagaatg	tgctgtcgtc	ctttcgggca	agtaactacc	agagcaccac	ccgggtcaaa	600
cccttcatct	gcacatgcc	catgcggctg	gatgacggct	ggaaccagat	tcagttcaac	660
ttgctagact	tcacacggcg	agcatacggc	accaattaca	tcgagaccct	cagagtgcag	720
atccatgcaa	attgtcgcac	ccgacgggtt	tacttctcag	acagactcta	ctcagaagat	780
gagctgccgg	cagagttcaa	actgtatctc	ccagttcaga	acaaggcaaa	gcaataactg	840
gaattgtgac	tcgagggata	gacccttggg	tgtgactctt	ctttttaaaa	ggaaactatg	900
tggaggacga	tgcaaaaaca	tatttatctt	agtttgcctc	gcctgtagtt	ctgttattta	960
tacttgggtg	tgcttgttca	tggacaccgg	tgaacatgcc	cgtaactctg	tgactgccat	1020

tgtaagtgcc	agtgggggta	agccagtcct	gtgagtggcg	catgaaacgc	tgagagcttat	1080
tccgccgccc	tgccccccag	tgtgggggga	gatacctttt	accatgaact	tacagaatta	1140
aagatggccc	ataaaggaat	tcccagaacc	aatatttctt	cctgcggggt	tattctatgt	1200
tttatatatt	atctaaatat	atgtatatgc	tgtgtcatac	tcataatcgt	ggaaatgaat	1260
aaaagtgaat	atattcctgg	tttgtaaaaa	aaaaa			1295

<210> 8357

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (131)...(374)

<223> similar to gi4191358 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8357

tctgcctctg	accctccttc	tcgctgctcc	ctttgcccac	ctgctcctcc	cacctggcca	60
tgaccaaagc	ccgtgctggc	accctggccc	agctctgagt	cctggggacc	tcggctctct	120
ctcctggggc	atggccaact	caggcctcca	gctcctgggc	tacttcttgg	ccctgggtgg	180
ctgggtgggc	atcattgcta	gcacagccct	gccacagtgg	aagcagtctt	cctacgcagg	240
cgacgccagc	atccagctga	ggtccaaggt	ctttgtccta	gaatcagagt	ggggagggga	300
cagcctgggg	ctgcccagag	actgtgggtg	gagctgcctg	ctgcactcag	cagtgcgggc	360
agagaagggc	ttttggtctt	gaagtccagg	taccatcccc	ccttagcata	cagggggaag	420
ggcctgagag	gaatgtaagg	aaaccagccc	agatcagtcc	caaggccaga	gtcctttgtc	480
ctacatctcc	ctgaaccaga	gtgtgccttg	ccccctcatg	tcagacctct	cccaccccaa	540
accctctccc	gggactcagt	ctccctggcc	actgcgtatc	aggcttctgg	ggaaagcatc	600
catcacagaa	cctccccttc	cctgccacgc	accttccttg	gccagctcca	ttctggcctc	660
ctccaccacc	tgcttgtgta	ccacatctcc	caccacgtcc	ccagatctca	agaacgcagc	720
tcagcttctc	cttcgagctt	gactcttaag	agggaaaagt	gacggaaacc	aattcagatg	780
aag						783

<210> 8358

<211> 1325

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1111)...(761)

<223> similar to gi2911066 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8358
cgtccaaagg agttttattg gggagagcca cgagggtttt ccgatccagc ccggttaaaa      60
ccccgcccc gtatttgttt tgttgggccc cctttaaaaa atatttacgt cgcactcccc      120
cggtttggtta actgttctcc ctatagccgg cccccctttt ttttttttg agacagggcc      180
tcactctgtc acccaggctg gagtggaaatg gcctgatcac cgctccactg cagcctaaat      240
cccctgggct caagtgatcc tcccacctca gtctcccag tagctgggac tacaggcact      300
taccaccact ccacgcta at ttttactgtt tttatagaga cgagggtctcg ccatgttgcc      360
caggatggtc ttaagctcct ggctcaagt gatcctccca tcttggtctc ccaaagtgt      420
aggattacag gtgtgagcca cctgtagacc ccagatctgt cccccaagga cactcaacat      480
gctggggcct gtgttatcga tttattgcag ctccaatatg agtccactcc tactcaaacc      540
ctgattctca ggggcctggg gaaggccacc ccactagggg ccctgtcccc accagagcct      600
ggacatggga ctctctccca agcaggggtg ttgtccttca caggggcttc cagctctctc      660
ccgggcctgt ccgcactctg ggcagggctg gcacctggct attccctcaa tctgggccct      720
ggggccatgg caatgtggaa tgggtccagg gtcatgtca gtggggcttg gggacatggc      780
catccacgta gaagtctctg gtgatcttgg gcagggtgaa ttccgctcct tccagctccg      840
gtgtcagcac aatctggcag cccagccgag agttctcctg gagggagggg gccatgtcta      900
gcattgtctc ttccctctcc tcgggaggag gcaggagatc cagggtggtct tctactacat      960
acacatggca ggtggagcag gccaggaggg cttcacaggc cccttccagg tccacccccgt    1020
ggcgtctggc cagggtgaaga acattgtccc cgactctgcc actcactggg atccgctggc    1080
ctgagcggtc tacgaacacc acgttcacca cgtccccggg ccgctccggg ccgccccgct    1140
cctcctctcc agccgggcgc gagcctgtcg cttgaaactt tctggttgtc cccagcgcca    1200
ccccctcccc cgaccgggaa gtgccccag gtctgttcca ccagggtgcc ctgggcagcct    1260
gcagcagaac cctggcactc acgcctcccc gggccatgga ggcggccatg acatgcatca    1320
cgtga
1325

```

<210> 8359

<211> 867

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (765)...(90)

<223> similar to gi3550427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8359
tttttttttt ttccaaatac tgtttacttc actaaaacct ggagtgaggc agggaaaagg      60
tacatcaatg tctgagacac caagcctagg agtgcacatt gacaacggcg acatacaggg      120
ccaaagtgtc gagggccagc agccccgtta ccaactgtctg ggccagtaga gctgcccaac      180
tgcccagcga gcagagggtg acgaaggctc ccataacaaa ggcttgtaga aactgagga      240
acatcagcag gaggacagct ggccggaagg tgtggtacag atcatagcgt gttatcatcc      300
agacctgagc agacgcgacg atgtaatgga ccagactgat gttggagtct atgctcatct      360
ggatgtactt ccagtcaaac tcaatgcccc gggctccgac ccatagggga atgcagcggg      420
acataataag ctccagcagt gcccagccca gggcagcaac catgatcttg tactctccct      480
tggcggcatt ccgggcaatg acaagggtta gacctatcag gtctgccaca tccacgttgg      540
ccttcataaa ctccccaatg aagtcataga tgccgccttc ccagggtgga aagaaagtgg      600
ccaagaacag catcttgcag agttggacaa agaggtagggt gactccagcc tggacgcatt      660
tccagaaggc gttgtactcg gacaggccgc tgactttgta ggtgatgaag taggggaagt      720

```

aggcaagagc	gaagcagttc	ccgaagtga	acaggggtcat	gatgccggcc	gcccgggtccc	780
gcccgcgcgg	ggatcgcgag	gcggcgctctc	cgggagcggg	tctccggctc	cgccggctct	840
ttcgccacgg	ccagggcctg	gcacca				867

<210> 8360  
 <211> 2645  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2646)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (447)...(1139)  
 <223> similar to gi407421 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8360						
tttttttttt	ttgactgaac	taagtggctt	ttttattaga	gaaagccaga	attacaaaag	60
acttaagagt	tggcattggg	gcccttcttc	ttgccaaagg	tgggcacaac	gttgacaaag	120
cgccggttgt	actgcatccg	cgcttagcc	cgacctgtct	tcttctctct	cttctcctgt	180
ttggccacct	taggagtctg	acctctcact	tttccagcac	gggccaggga	accatggact	240
ttacctccaa	gcatgcggcc	tgctacttcc	agggtagtca	gggcctccac	cccgcactgg	300
cccagagtgg	cctcatcttc	caggggcgcg	cctgccagga	gcacgacttg	atcttccggg	360
gcaatgccct	ccagtgaggc	tacatgagcc	ttgatctggg	cgaccgtttc	ctggccgggtg	420
ctggaaaagt	gacaggtcgg	gctaagcggc	ggatgcagta	caaccggcgc	tttgtcaacg	480
ttgtgcccac	ctttggcaag	aagaagggca	ccacgttcac	caagatcttc	gtgggcgggcc	540
tgccgtacca	cactaccgac	gcctcgctca	ggaagtactt	cgagggcttc	ggcgacatcg	600
aggaggccgt	ggtcatacacc	gaccgccaga	cgggcaagtc	ccgcggctac	ggcttcgtga	660
ccatggccga	ccgggcggca	gctgagaggg	cttgcaaaga	cccgaacccc	atcatcgacg	720
gccgcaaggc	caacgtgaac	ctggcatact	tgggcgcca	gccgcggagc	ctccagacgg	780
gctttgccat	tggggtgcag	cagctgcacc	ccaccttgat	ccagcggact	tacgggctga	840
ccccgcacta	catctaccca	ccagccatcg	tgcagcccag	cgtggtgatc	ccagccgccc	900
ctgtcccgtc	gctgtcctcg	ccctacattg	agtacacgcc	ggccagcccg	gcctacgccc	960
agtagccacc	ggccacctat	gaccagtacc	catacgccgc	ctcgctgcc	acggctgcca	1020
gcttcgtggg	ctacagctac	cctgccgcgc	tgccccaggc	cctctcagcc	gcagcaccgc	1080
cgggcaccac	tttcgtgcag	taccaggcgc	cgcagctgca	gcctgacagg	atgcagtga	1140
gggcgttcct	gccccgagga	ctgtggcatt	gtcaccttca	cagcagacag	agctgccagg	1200
ccatgatggg	ctggcgacag	cccggctgag	cttcagtga	gtgccaccag	caccctgtgc	1260
tccgaagacc	gctcgggcat	tccgcctgcg	ccctgggaca	gcggagagac	ggcttctctt	1320
taatctaggt	cccatttgtt	cttgagggag	gactttaaga	atgactgaga	actatttaaa	1380
gacgcaatcc	caggttcctt	gcacaccatg	gcagcctctc	cttgacctt	ctcctgcctc	1440
tccacactcc	aggttccttc	aggcttgtgt	ccccactgct	gcacgtggc	ggggtgtcac	1500
agacctctg	cagccccctg	ctgcccctgga	ctgtgcagag	atgcctgact	ccagggaac	1560
ctgaaagcaa	gaagttaatg	gactgtttat	tgtaacttga	tcctcccag	ctgtgagcgc	1620
agtctgaggt	gtgaggacac	ggcctcctgt	tggagtccca	tttctccat	cagggcacgt	1680
gggcggcttc	ctcaagccc	gaggagctcc	caggcgcaca	ggggccgcgc	gtaacagggg	1740

ccgccggcca	aaggccccctt	tccagtcata	gcactgaagt	tgcaactttt	ttcttgtaat	1800
tgttttgcta	ctaagataat	ttcagaagtt	cagtctattt	tttcagcgga	tactgccgcc	1860
accaagaatc	caaaacctat	ttttgacttg	gagagacttg	cttttgttgg	ttccgcccgt	1920
ggagacgacg	atagtgtttc	tgtataataa	agtgtctgcc	ggctcgcggg	ccaggatcct	1980
ctcgggtggga	tgggcaccac	agacaggagg	cccctcaggc	ccgtcgcggg	cactgtctgc	2040
tgccgcctgc	cgggggtggca	gagtgagttg	tctcaggacc	ccgtcactgc	gacgttgaca	2100
ctcctctccc	ttcccttcct	ccccaaactcc	ccaaacactg	tgggaagggga	gaaggaagtg	2160
atccacagca	ttcaggccac	ttgggggtcta	gaccatgggtg	gtgccagcct	gggggggggca	2220
gtggccctca	gctctgcccc	ctggagcggt	tgagtgcaga	aggggtgcgcc	tcttccctct	2280
acccccgcac	cacctggctg	ttgtgccaaag	cctgagacgg	tttccttgcc	tgtcttgggg	2340
gttggtggag	ggtggaggcc	agtttcttcc	caaccctggg	cagggtgct	aatggggcat	2400
cccaagggct	gttgggggtc	tgggaaggagg	ggacattaaa	ggtagagggt	atccctggcc	2460
gagggcgggg	ggacagcgng	ggggtctccc	cctccggacc	tacctcaggg	agctgagcgt	2520
gcaggcgctc	ccagggcagg	cctgggacag	agtcaaggct	cagagaataa	aggtagctaa	2580
tctcatcata	atatttttat	tagaatgttc	tgatgataaa	aataaaaactt	gttttcttta	2640
aagaa						2645

<210> 8361

<211> 1227

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (443)...(41)

<223> similar to gi4884166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8361

tttttttttt	ttgagcagac	aaatctttat	tctgaggct	aaaatatgca	ccagttccct	60
ccctgtaccg	cgccactgcc	agcctgactg	catgcaggcc	ctgtcccaga	cctggagcgc	120
tgaacttggg	gtcccaggac	ctccttcctt	gagttgtgtg	tgtgtacatg	gaggggactc	180
ctgggtagca	cctggaggcg	gcctaggggt	gaggggcttc	tcaaggggtg	cctgcacctc	240
cagaggtgca	gtcttgggca	ggatgtagca	tgttcagagt	ctggtgaccg	aaacagggct	300
gtcggggaca	ggcctcgggt	gttggagggc	aaaggtgaca	gcatcatgga	cagaggcaaa	360
gagatgcttc	ttggtgatgg	atgcatcgaa	gaagtgccca	gcctcaagct	ggctgaccac	420
agggctgtgg	caggccgcca	tgtacacctc	cacctcaatc	tcccggaagt	catggaaaat	480
attcttcagg	ctcttgaggc	acacagtgtc	cacaaaggag	agggcaccca	ggtccaggat	540
gaggctgtgg	aagtctggct	gaggcaggcc	cagggccttc	agtgtggacc	catctggggc	600
cttgagagtct	tcttgaccat	tggctgttgc	atcttccatc	ttatctcctg	agctcacctg	660
catcatcttg	cagtoctcaa	cgttggttgc	cctcatgtct	tcaaggctgg	tgttgacatt	720
aatggaaact	gaggcgccct	tgggggaggc	agcctgtttc	cgaagcttct	cctctttctg	780
cagttgcttc	agcttcagct	gctcctgctt	cttgagcagt	ttcttcttct	gggagatgag	840
gaagtgcaca	tccacaccac	acctctgctt	cagcgcatca	ctgtagaact	cagcattggc	900
aaagtacacg	gtggccgagg	agcgggaagac	cttcaccccc	cggacttcct	tggcctctga	960
gtactctgcc	acatctctgt	aaatatccgt	gtctggcacc	tgccccagga	cagagtagtg	1020
gggcatctgt	gtccggacca	ccacgagcag	cagggagaag	atgaccgcaa	ccaccaagcc	1080
aaggtccagg	ttcagcaaga	tgggtggcgt	gaaggtcacc	agccagataa	gcagatccgc	1140
cagattggcc	ttccagaggg	agcgcatgtc	gctgagctgc	ctcagcatgc	ccttcagggtt	1200
cacaatgatg	atggctgcca	ggaccgc				1227

<210> 8362  
 <211> 1788  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (168)...(1260)  
 <223> similar to gi5882255 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8362  
 tcctcttgtc ccggaatgag catgcctgcc ctttgcaagc aggtttgggt ctcacgcaga 60  
 ggaaaccaa agcaataaga gggaggggaag gcagagcaac caatcaaggg caggggtgaga 120  
 ctcaaaacga gcgggctccc tggggagcca gacagaggct gggggtgatg gcggagctac 180  
 agcagctgca ggagtttgag atccccactg gccgggaggc tctgaggggc aaccacagtg 240  
 ccctgctgcg ggtcgtgac tactgctgag acaactatgt gcaggccaca gacaagcgga 300  
 aggcgtgga ggagaccatg gccttacta cccaggcact ggccagcgtg gcctaccagg 360  
 tgggcaacct ggccgggcac actctgcgca tgttgacct gcagggggcc gccctgcggc 420  
 aggtggaagc ccgtgtaagc acgctgggccc agatggtgaa catgcatatg gagaaggtgg 480  
 cccgaaggga gatcggcacc ttagccactg tccagcggct gcccccgcc cagaaggtca 540  
 tcgccccaga gaacctaccc cctctcacgc cctactgcag gagaccctc aactttggct 600  
 gcctggacga cattggccat gggatcaagg acctcagcac gcagctgtca agaacaggca 660  
 ccctgtctcg aaagagcatc aaggccccctg ccacaccgcg ctcgccacc ttggggagac 720  
 caccceggat tcccagacca gtgcacctgc cgggtgggtgc cgacggcaga ctctccgcg 780  
 cctcctctgc gtcttccctg gctcggccg gcagcgccga aggtgtcggg ggggccccca 840  
 cgccaaggg gcaggcagca cctccagccc cacctctccc cagctccttg gaccacctc 900  
 ctccaccagc agccgtcgag gtgttccagc ggcctccac gctggaggag ttgtccccac 960  
 cccaccgga cgaagagctg cccctgccac tggacctgcc tcctcctcca cccctggatg 1020  
 gagatgaatt ggggctgcct ccacccccac caggatttgg gcctgatgag cccagctggg 1080  
 tgctgcctc atacttgag aaagtgggta cactgtacct atacaccagc cagaaggaca 1140  
 atgagctctc cttctctgag ggcactgtca tctgtgtcac tcgcgctac tccgatggct 1200  
 ggtgcgaggg cgtcagctca gaggggactg gattcttccc tgggaactat gtggagccca 1260  
 gctgctgaca gcccagggtc ctctgggcag ctgatgtctg cactgagtgg gtttcatgag 1320  
 ccccaagcca aaaccagctc cagtcacagc tggactgggt ctgccacct cttgggctgt 1380  
 gagctgtgtt ctgtccttcc tcccatcgga gggagaaggg gtccctgggga gagagaattt 1440  
 atccagaggc ctgctgcaga tggggaagag ctggaaacca agaagtttgt caacagagga 1500  
 cccctactcc atgcaggaca ggggtctcctg ctgcaagtcc caactttgaa taaaacagat 1560  
 gatgtcctgt gactgcccc cagagataag gggccaggag ggattgaaag gcatcccagt 1620  
 tctaaggctg ctgctaatta cagcccccaa cctccaaccc accagctgac ctagaagcag 1680  
 catcttccca ttctctcagt acccacaag tgcagccac attggacccc agacaccctt 1740  
 ctgcagccat tgactgcaac ttgttctttt gccattgaa aaaaaaaa 1788

<210> 8363  
 <211> 895



```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (227)...(591)
<223> similar to gi5262481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8363
ggggggggagc ggggaaaaca aaaggagacg aaggacgcat gcgtttggtg agtcccggat      60
tctggtgggt tcttccgctc aggctgggtg aagcgcttcc gggtcgccgc cggcagcagc      120
ctcccggcgc gatgaagaca ctgaggctca gagaggtaa gtgactcagc caaggtcaaa      180
cagctagtaa gtggtggagc caggactcaa agccagtcta ggagccatgt ccactttgtt      240
cccctcactc ttccctcgtg tgactgagac tctgtggttt aatctggatc gaccctgtgt      300
ggaagagaca gagctgcagc agcaggaaca gcagcatcag gcctggctcc aaagcatcgc      360
ggagaaaagac aacaacctgg ttctatttgg caagccagcc tcagagcact atgatgacga      420
ggaagaagag gatgatgaag atgatgagga tagtgaagag gactcagagg atgatgagga      480
tatgcaggac atggacgaga tgaatgacta caatgagtca ccggatgatg gagaggtaa      540
tgaggtggac atggaaggca acgaacagga tcaggaccag tggatgatct aggtagacaa      600
ggcaggggtg cctcagggag attccaggcc agcccaaact accctgcac ccaaccccca      660
acccctgccc acagaaccag ctgatggccc cagtgcctga aagtgccctt gggcacctcc      720
tcagctgctg ccaggatctg gtctcttttg cccctcccag gccatcagtc tgcacttgaa      780
atccccaggg cctgaaacct actccacctt cctggccagt acctacccc ttgattgcca      840
ggtctggtct aagtttcttt aataaagaca aaggagtgat tttcaaaaa aaaaa      895

```

```

<210> 8364
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (38)...(413)
<223> similar to gi791053 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8364
cagccggcag gacgctgtga gttggcgtgc tagtgggatg gcagatgagg aagaagaccc      60
cacgtttgag gaagaaaatg aagaaattgg aggaggtgca gaaggtggac agggtaaaag      120
aaagagactt ttttctaaag aattgcgatg tatgatgtat ggctttgggg atgaccagaa      180
tccttatact gagtcagtgg atattcttga agatcttgtc atagagttaa tcaactgaaat      240
gactcacaag gcaatgtcaa ttggaagaca aggtcgagta caagttgaag atatcgtctt      300
cttgattcga aaggacccaa ggaagtttgc caggggttaa gacttgctta ctatgaatga      360
agaattgaaa cgagctagaa aagcatttga tgaagcaa atattgtata ttttctaaag      420
gtagtttccg aaaattacca tctggggaaa ccatatataa taattgtata ttttctaaag      480
taagattctg atatctagcc atgtaaatga aagatggaga aacacaaaagt tttcagcctt      540

```

tat	tttttatg	cct	ttgattt	tag	gtgata	ttg	gtgcatg	taatt	gcctg	cct	tttatatt	600
acc	tacttg	aatt	acttac	tgg	gttttaa							630

```

<210> 8365
<211> 2285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (198)...(1751)
<223> similar to gi35869 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8365												
aga	agcgtac	acc	gagtagc	ttg	agcgcct	ctt	ccggtta	cct	tttccca	gtg	ccagagg	60
cgc	ctagggt	tgg	gtcctc	gct	caggcac	aga	gacccga	cac	cgagcgg	cgg	cttcccc	120
ggg	atcgagg	gac	gcgcacg	ccg	aggaga	cga	aaggaac	ccg	ggtcgga	ccg	atcgga	180
acc	actgacc	att	gcccattg	g	cgccctag	gcc	ctagcag	ccg	aatgtc	act	gaatacg	240
tcg	ttcgagt	tc	ctaagaat	aca	accaaaa	aat	ataacat	cat	ggctttt	aat	gcagccg	300
acaa	agtcaa	ctt	tgtctacg	tgg	aatcagg	ctc	cggtgga	g	cgggacttg	ag	caacaaga	360
aaat	ctacca	ag	aggaggag	atg	cccgaat	c	gggcgcggg	cag	tgagttc	a	accgcaagc	420
ttc	gggagga	gg	ctcgagag	a	gaagtacg	g	catcgctcct	ca	aggagttc	c	ggcccagag	480
acc	agccctg	g	ctgctccg	gt	caacggca	a	atcaggcag	ga	agttcaag	g	gcatacaaga	540
agg	gaggcgt	a	acagagaa	a	cgtcctact	a	catcttcac	cc	agtgcctc	g	acggggcct	600
tcg	aggcctt	c	cccggtgcac	a	actggtaca	a	tttcacacc	g	ctggcccgg	c	atcgcacgc	660
t	cactgccga	g	gaggcccgag	g	aggagtggg	a	gaggaggaa	ca	aggtgctg	a	accacttca	720
g	catcatgca	g	cagcggcgg	ct	caaggatc	a	ggaccagga	c	gaggatgag	g	aggagaagg	780
agaa	acgtgg	ccg	caggaag	g	cgagcagc	t	gcgcattcca	c	gacctggag	g	acgacctgg	840
agat	gtcgtc	c	gatgccagt	g	tgaggagg	g	ggcagagtc	c	ccaaggcca			900
aga	agaaggc	g	ccgctggcc	a	agggcggca	g	gaaaaagaa	ga	agaagaag	g	gttcagacg	960
acg	aggcctt	c	gaggacagc	g	atgatggg	a	cttcgagg	c	caagaggtg	g	actacatgt	1020
cag	acggctc	c	agtagctcc	ca	agaagagc	ct	gagagcaa	g	gccaaggcg	c	cgcagcagg	1080
agg	agggggcc	ca	agggtgtc	g	atgagcaga	g	cgcacagtag	t	gaggagagt	g	aggaggaga	1140
agc	cgccctga	g	gaggacaag	g	aggaggagg	a	ggcagagaag	g	gcacccacc	c	cgcaggaga	1200
aga	agcgcag	g	aaagacagc	a	gcgaggagt	c	ggacagctc	a	gaggagagc	g	acattgaca	1260
g	cgaggcctc	c	tcagccttc	t	tcatggcga	a	gaagaagac	g	ccacccaag	a	gagagcgga	1320
agc	cgctcggg	a	gggagctca	a	ggggcaaca	g	ccgcccagg	c	acgcccagc	g	cagaggggtg	1380
g	cagcacctc	c	tccaccctg	c	gggcggctg	c	cagcaaaact	c	gagcaaggg	a	agcgggtga	1440
g	cagatgcc	t	gcagccaag	c	gggtgcggc	t	ggacacggg	a	ccccagagc	c	tgtctggga	1500
agt	cgacacc	c	cagccacca	t	caggcaaga	ca	acacccaa	c	agcggcgac	g	tgcaggtga	1560
ctg	aggatgc	c	gtgcgccgc	t	acctgacac	g	gaagcccat	g	accactaag	g	acctgctga	1620
aaa	agttcca	g	accaagaag	a	cagggctga	g	cagcgagca	g	acagtgaac	g	tgttggtccc	1680
agat	cctcaa	g	cgactcaac	c	ccgagcgca	a	gatgatcaa	c	gacaaaatg	c	acttctccc	1740
t	caaggagt	g	aggcttgg	t	catacatgg	c	tctgcccc	c	agaacttaa	g	ggtctcact	1800
g	cccccttc	c	catcctag	a	tgaggctctg	t	ccaatacat	g	ggtctgccc	t	ccagaactt	1860
c	aggctctca	g	tgacccttc	g	acatcctgc	t	tgtctccctg	a	ctcccagg	g	ccccgtagtt	1920
ag	caattctg	g	aaaagttaa	g	ccatctcct	c	ctctggccc	t	tccttctgg	a	atcttcaga	1980
t	gctgttag	g	ccttcttat	t	gtcctcctc	c	ctcctggctc	g	gcctccctc	a	actgacca	2040
agg	gcctgtg	c	tgcacctg	g	gtaacttct	a	acagttctcc	c	ttccacttc	c	ctaagtctc	2100

tcttcagctg	tgacttatcc	accacatagc	ccagtaagtc	ttcagttttg	gctgggcatg	2160
atggtgagcg	cctgcagtcc	cagctacttg	ggaggctaag	cccagttcaa	ggctgcagtg	2220
aactatgatg	gtgccactgc	attccagcct	gggtgacaga	atgaaatcct	ggcacaaaaa	2280
aaaaa						2285

<210> 8366  
 <211> 1622  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (80)...(1129)  
 <223> similar to gi4416074 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8366						
cccacgcgtc	cggacgaagg	actggaaggt	ggcggtggtg	aaggtgcagg	ccgttggggc	60
ggctcaaagg	caggtgacta	tgaaaggcct	atatttccaa	cagagttcca	cagatgaaga	120
aataacattt	gtatttcaag	aaaaggaaga	tcttcctggt	acagaggata	actttgtgaa	180
acttcaagtt	aaagcttggt	ctctgagcca	gataaaataca	aagcttcttg	cagaaatgaa	240
gatgaaaaag	gatttatctt	ctggtgggag	agaaaattgct	ggaattgtat	tagatgttgg	300
aagcaaggta	tcattctttc	aaccagatga	tgaagtagtt	ggaattttgc	ccctggactc	360
tgaagaccct	ggactttgtg	aagttgttag	agtacatgag	cattacttgg	ttcataaacc	420
agaaaaggtc	acatggacgg	aagcagcagg	aagcattcgg	gatggagtgc	gtgcctatac	480
agctctgcat	tatctttctc	atctctctcc	tggaaaatca	gtgctgataa	tggatggagc	540
aagtgcattt	ggtacaatag	ctattcagtt	agcacatcat	agaggagcca	aagtgatctc	600
aacagcatgc	agccttgaag	ataagcagtg	ccttgaaaga	ttcagacctc	ccatagcccc	660
agtgattgat	gtatctaatt	ggaaagttca	tgttgctgaa	agctgtttgg	aagaaacagg	720
tggcctggga	gtagatattg	tcctagatgc	tggagtgaga	ttatatagta	aagatgatga	780
accagctgta	aaactacaac	tactaccaca	taaacaatgat	atcatcacac	ttcttggtgt	840
tggaggccac	tgggtaacaa	cagaagaaaa	ccttcagttg	gatcctccag	atagccactg	900
ccttttcctc	aagggagcaa	cgtagctttt	cctgaatgat	gaagtttggg	atttgtcaaa	960
tgtacaacag	ggaaaaatct	tttgtatctt	aaaggatgtg	atggagaagt	tatcaactgg	1020
tgttttcaga	cctcagttgg	atgaacccat	tccactgtat	gaggcaaaaag	tttccatgga	1080
agctgttcag	aaaaatcaag	gaagaaaaaa	gcaagttggt	caattttaat	tttcttcttt	1140
ctcagacctc	agtcggatga	acatattcca	gtattttgag	ccagaatttt	ctttggaaat	1200
tgttgagaaa	aaccaaggaa	gataaaacaa	gttgcatctt	taagcacgtt	tcccctgcta	1260
agacaagatg	cctcagttga	cacatttgaa	aagtgtttga	aaaattcctt	gtgcaaataa	1320
tcaagataat	tctataatta	acatcttaag	ggaatttttc	taaaaaacctt	ttcattgttt	1380
ctatatatct	tgccccctgt	ataaaattcc	ttccatgaag	aaaactgctg	ctttcagcaa	1440
aagtcacact	actcttgata	aaagctgttg	caggcctctg	ctaagctatc	aaagtaacgt	1500
attaattttg	tattcaactc	ccgttctcaa	caccttcatt	aagtccttgc	tgtcataatt	1560
taagcatttg	agtatatctt	gaagtcttaa	aagacttagc	ccataggccc	ttaaaaaaaa	1620
aa						1622

<210> 8367  
 <211> 2309  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (96)...(1679)  
 <223> similar to gil228085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8367
ctggaccgat ccgcaattcc aggatcgacg atttcgtggg tggagaccca cgagccgagg      60
cctcctgcag tgttctgcac agcaaaccgc acgctatggc tgacagccgg gatcccgccca    120
gcgaccagat gcagcactgg aaggagcagc gggccgcgca gaaagctgat gtcctgacca    180
ctggagctgg taaccagta ggagacaaac ttaatgttat tacagtaggg ccccggtgggc    240
cccttcttgt tcaggatgtg gttttcactg atgaaatggc tcattttgac cgagagagaa    300
ttcctgagag agttgtgcat gctaaaggag caggggcctt tggctacttt gaggtcacac    360
atgacattac caaatactcc aaggcaaagg tatttgagca tattggaaag aagactccca    420
tcgcagtctg gttctccact gttgctggag aatcgggttc agctgacaca gttcgggacc    480
ctcgtgggtt tgcagtgaat ttttacacag aagatggtaa ctgggatctc gttggaaata    540
acacccccat tttcttcac agggatccca tattgtttcc atcttttata cacagccaaa    600
agagaaatcc tcagacacat ctgaaggatc cggacatggg ctgggacttc tggagcctac    660
gtcctgagtc tctgcatcag gtttctttct tgttcagtga tcgggggatt ccagatggac    720
atcgccacat gaatggatat ggatcacata ctttcaagct ggttaatgca aatggggagg    780
cagttttatt caaattccat tataagactg accagggcat caaaaacctt tctgttgaag    840
atgcggcgag actttcccag gaagatcctg actatggcat ccgggatctt tttaacgcca    900
ttgccacagg aaagtacccc tcctggactt tttacatcca ggtcatgaca tttaatcagg    960
cagaaaactt tccatttaat ccattcgatc tcaccaaggt ttggcctcac aaggactacc   1020
ctctcatccc agttggtaaa ctggtcttaa accggaatcc agttaattac tttgctgagg   1080
ttgaacagat agccttcgac ccaagcaaca tgccacctgg cattgaggcc agtcctgaca   1140
aatgcttca gggccgcctt tttgcctatc ctgacactca ccgccatcgc ctgggaccca   1200
attatcttca tatacctgtg aactgtccct accgtgctcg agtggccaac taccagcgtg   1260
acggcccgat gtgcatgcag gacaatcagg gtggtgctcc aaattactac cccaacagct   1320
ttggtgctcc ggaacaacag cttctgcct tggagcacag catccaatat tctggagaag   1380
tgcgagatt caaactgcc aatgatgata acgttactca ggtgcgggca ttctatgtga   1440
acgtgctgaa tgaggaacag aggaaacgtc tgtgtgagaa cattgccggc cacctgaagg   1500
atgcacaaat tttcatccag aagaaagcgg tcaagaactt cactgaggtc caccctgact   1560
acgggagcca catccaggct cttctggaca agtacaatgc tgagaagcct aagaatgcga   1620
ttcacacctt tgtgcagtcc ggatctcact tggcggcaag ggagaaggca aatctgtgag   1680
gccggggccc tgcacctgtg cagcgaagct tagcgttcat ccgtgtaacc cgctcatcac   1740
tggatgaaga ttctcctgtg ctagatgtgc aaatgcaagc tagtggcttc aaaatagaga   1800
atcccacttt ctatagcaga ttgtgtaaca attttaatgc tatttcccca ggggaaaatg   1860
aaggtttaga tttaacagtc atttaaaaaa aaaatttgtt ttgacggatg attggattat   1920
tcatttaaaa tgattagaag gcaagtttct agctagaaat atgattttat ttgacaaaat   1980
ttgttgaaat tatgtatgtt tacatatcac ctcatggcct attatattaa aatatggcta   2040
taaatatata aaaagaaaag ataaagatga tctactcaga aattttttatt tttctaaggt   2100
tctcatagga aaagtacatt taatacagca gtgtcatcag aagataactt gagcaccgtc   2160
atggcttaat gtttattcct gataataatt gatcaaattc atttttttca ctggagttac   2220
attaatgtta attcagcact gatttcacaa cagatcaatt tgtaattgct tacattttta   2280
caataaataa tctgtacgta aaaaaaaaaa                                     2309
  
```

<210> 8368  
 <211> 1854  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1718)...(308)  
 <223> similar to gi4972730 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8368

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accaagatgg	ttgggcaggg	gacacttact	agtataaaaa	taatacaaat	attgtatttt	180
cctcttatct	gccagtaaaa	aatggcaaac	aggttttgtc	tttctgaagt	ttctagtcca	240
ataaccaaag	atgatggagc	ccctaataaa	gtgccttgcc	ctgtatgctc	cactgtctat	300
agcttttagac	cctcaacatt	cttcttcaag	ttcagcagct	ctttttcttg	ccttcttttc	360
tccagtttaa	atgctaattt	gttagctttc	ttctccactc	ttcgttcctt	gcgctcttct	420
tttatagctt	gctttcttgc	tcttttatct	tctttgcttt	cattttttaga	acgtggctga	480
gttgatactt	taggaagatc	actgccatta	atcatctgta	ttctttcagt	ttgctttgct	540
gtgagtcctt	tctttggtaa	gacattgaga	ggtattcctg	ttttagaaga	tattcgaatt	600
tgtttgggct	ttgggtgata	cttgataagc	tgtggatggg	tatataaatt	tgagtatgta	660
ctacaaatag	attcacaatc	ccacttctct	ttggcttctt	caaggactac	agtaatcatt	720
tcttcctcct	cagactcatc	aagctcatte	attggcaggt	cttgatcctc	caagggttca	780
aggggtattca	attttacaca	attctctgcc	ttctctttat	agtagtcatt	caaaacttcc	840
tgtaagcgat	tgctgtccac	ttgaatagaa	ccttccaatt	ctgcattatc	cagagctcca	900
atttcatcat	catcatattg	ctcataaaac	ttctcaaacc	tctcatcatg	tagggctcagc	960
tgttcatttc	tcctcatgac	tgaggaagtc	atcgaaatact	ccgtgaagcg	actctttggt	1020
tcctcactcc	agaacaagtg	atctgctata	gctctgtgag	tttttcgggg	cacagacata	1080
cagtcttcat	ctgacaatag	gcctgcagag	tcatagtcac	cattgctatc	tcccttctca	1140
tcatccacat	cttccactc	gctgtcatct	tcattctcag	atttctgtat	atccattccc	1200
tcttcctctc	ctgttgccct	attggcctga	agaataaagt	catcctcaag	cagattatct	1260
ggatcatcaa	agtcaaaatc	atcatcaaga	gctgcaacaa	gtcaggatc	aaaatccagt	1320
cgaggtcctg	aaactggagc	tgctttattt	aacaatccaa	catcttctc	aaactctgaa	1380
gcaaacactg	atgaaggcaa	cttaattcca	gtgcttgga	ttactagcgt	ttcttctttc	1440
tcctctctcc	tgttgtgtgc	actgaaggta	cttgaggga	taagctctga	aggcccagat	1500
ggttccttca	ggtgctgcag	gtagtcatag	tcgtcatcaa	agaacactcc	atacttctc	1560
tgttctgctc	gcctttcttc	attgtctatt	ttttgtgtgg	gcaatagaac	cctctggggg	1620
gcactctcat	ctgctgctaa	aggatctcgt	tggctccggg	ggaccaagtg	aaaagacaca	1680
gctttcttct	tctctataaa	gggctttttc	ttcctgtgag	gcatgctgca	gccgcgcggc	1740
gctcaccctc	aacaggggcg	gcatgacac	cctcgaagtc	cggcggggag	accaaggtcc	1800
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<210> 8369  
 <211> 1262  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (350)...(601)
<223> similar to gi20245 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8369
ctccaagctg ctggacccca gggagagctg accactgccc gagcagcccg ctgaatccac      60
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gatcatggaa ctactggag gtggacagga gagctcaggc ttgaacctgg gcaaaaagat      180
cagtgtccca agggatgtga tgttggagga actgtcgctg cttaccaacc ggggctccaa      240
gatgttcaaa ctgcggcaga tgagggtgga gaagtttatt tatgagaacc accctgatgt      300
tttctctgac agctcaatgg atcacttcca gaagttcctt ccaacagtgg ggggacagct      360
gggcacagct ggtcagggat tctcatacag caagagcaac ggcagaggcg gcagccaggc      420
agggggcagt ggctctgccg gacagtatgg ctctgatcag cagcaccatc tgggctctgg      480
gtctggagct gggggtacag gtggtccgc gggccaggct ggcagaggag gagctgctgg      540
cacagcaggg gttggtgaga caggatcagg agaccaggca ggcggagaag gaaaacatat      600
cactgtgttc aagacctata tttcccatg ggagcgagcc atgggggttg acccccagca      660
aaaaatggaa cttggcattg acctgctggc ctatggggcc aaagctgaac ttcccaaata      720
taagtccttc aacaggacgg caatgcccta tgggtggatat gagaaggcct ccaaacgcat      780
gaccttccag atgccc aaag tttgacctgg ggcccctggc tgagtgaac ccctgggtcc      840
ttctacaacc aaaacctctc caacagggcc ttcttttcaa tgaaccccc tattcccctg      900
gctggagctc tgggggagcc tgtagactac aacgtggata ttggcatccc cttggatgga      960
gaaacagagg agctgtgagg tgtttcctcc tctgatttgc atcatttccc ctctctggct     1020
ccaatttgga gagggaatgc tgagcagata gccccattg ttaatccagt atccttatgg     1080
gaatggaggg aaaaaggaga gatctacctt tccatccttt actccaagtc cccactccac     1140
gcaccccttc tcaccaactc agagctcccc ttctacttgc tccatatgga acctgctcgt     1200
ttatggaatt tgctctgcc cagtaacag tcaataaact tcaaggaaaa tgaaaaaaaa     1260
aa                                                                1262

```

```

<210> 8370
<211> 1627
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (573)...(1063)
<223> similar to gi5262686 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8370
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aacttcgaga gcacctccgc agccataccc aggagaaagt ggtagcctgc cccacctgtg      120
ggggcatgtt tgccaacaat accaagttct tagatcacat ccgtcgccag acctcattgg      180
atcagcagca cttccagtgt tctcactgtt ccaagagatt tgccacagag cggctattgc      240

```

gggaccacat	gcgcaaccat	gtgaatcact	ataagtgtccc	tctgtgtgac	atgacctgcc	300
cgctgccttc	ctccctccgc	aaccacatgc	gctttcgtca	cagtgaggac	cggcccttta	360
aatgtgactg	ttgtgactac	agctgcaaga	atcttattga	cctccagaag	cacctggata	420
cccacagcga	ggagccagcc	tacaggtgtg	atttttgagaa	ctgcaccttc	agtgtccgat	480
ccctctgtct	tatcaagtcc	cattaccgca	aagtacatga	aggagactct	gagccaaggt	540
acaaatgtca	tgtgtgtgac	aaatgcttca	cacggggcaa	caacctcacc	gtgcaccttc	600
gcaagaagca	ccagttcaag	tggccctcag	ggcatccccg	ttttcggtag	aaggaacatg	660
aagatggcta	tatgctggctg	cagctgggttc	gctacgagag	tgtagagctg	acacagcaac	720
tgctgctggca	accacaagag	ggatcggggc	tgggaacgtc	gctgaacgag	agcagcctgc	780
agggcattat	tctagaaaca	gtgccagggg	agccaggacg	taaggaagag	gaagaggagg	840
gcaagggtag	cgaagggaca	gccctctcag	cctctcagga	caaccccagt	tctgtcatcc	900
acgtggtgaa	tcaagaccaat	gcccgaaggcc	agcaagagat	tgtctactat	gtgctgtctg	960
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agcctgagga	ctctggattc	tttgagggga	tcctggatgt	gtgtgttctt	gttaaagagg	1320
ctgttatcag	gcttaactat	aaccctcaag	atctgcttga	cagtgattaa	atccttagct	1380
cacatccatt	cccatctttc	gggtccttta	ggcccaagga	tggcatgtga	ctggtccttg	1440
caagggctct	ttctttgtca	ccagccaagg	cattgataac	caagtagcca	ttttcctctt	1500
aaggtttcct	ctacaacccc	aaggactttc	atgattatcc	tcagggacag	gattggaggc	1560
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aaaaaaa						1627

<210> 8371

<211> 4976

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (103)...(4500)

<223> similar to gi407097 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8371

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cccttctacc	agaagagaca	taggcacttc	gaccagtcct	accgtaatat	tcaaacacgg	180
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tccttgagtc	agcggtcgtc	ttcacagaga	gcctccagcc	agacgtccct	gggaggaacc	300
atctgcaggg	tctgtgcgaa	gcgagtgagc	acgcaggaag	atgaggagca	ggagaacaga	360
agcaggtacc	agtccctggg	ggccgcctat	ggtgaggcca	agcgacagcg	cttcctcagc	420
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gacaaatacg	ccattcagca	gatgatggag	gacaggctgg	cctgggagag	acacacattt	540
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tactcagcag	tggccaccaa	tgcccacgga	caagtgtcca	ccaacgcggc	ggtggtggtg	840
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<210> 8372

<211> 2981

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (398)...(2809)

<223> similar to gi3169008 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8372

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ctcagaagac	ccccttaatt	acttacttat	attaactgta	gaacgtattt	atgcatacca	180
ggctctacct	ctgggctttc	tattctgttc	cagagacc	gtaccagaat	atttaaatca	240
ctgtggcggt	aaatacgttt	taatatctga	tagggccagt	ttctgcgc	tgcacatttt	300
tttttcccc	ttcaggaacg	tgttcaggcc	cgcggcagg	ggcgggatcg	cgcctcctcc	360
tcggctctgg	ttccagccga	gcctctcgga	cgcagagatg	gaaatcccga	agctgctccc	420
ggctcgcggg	acactacagg	gcggcggcgg	gcggcggtatc	cccgcgggtg	gcggccgagt	480
ccaccgaggc	cctgactcgc	cggctggcca	ggtccccacg	cgcgcctcc	tgtgcccccg	540
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ccctggccca	agcctgttcg	cgcgcaggcc	ccatcaacct	agcggcggcg	gcggcggcgg	660
cggcgacgac	ttcttctctg	tgtgtcttga	cccgtgtggg	ggcgacgtgg	agaccgcggg	720
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cgcgggtccc	actccggccc	cgatctccgc	ccccggcccc	gccgcggcct	tcgcgggcac	900
agtcactatc	cacaaccagg	acctgctgtt	gcgctttgag	aacggcgtcc	tcaccctggc	960
cacgccccca	ccacacgcct	gggagccagg	ggccgctcct	gcccagcagc	ccgggtgtct	1020
gatcgccccg	caagctgggt	tcccgc	cgcgcacccg	ggtgactgcc	cagagctgcc	1080
gccagacctc	ctgctagctg	agccggccga	acccgcgcca	gctccggcgc	ctgaggagga	1140
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<210> 8373

<211> 2513

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(988)

<223> similar to gi1945271 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8373

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gtacctgcca	gagaacgacc	tgaagcggct	atgtgactac	gtttgtgacc	tcctcttaga	180
agagtcaaat	gttcagccag	tatcaacacc	agtaacagtg	tgtggagata	tccatggaca	240
gttttatgac	ctttgtgaac	tgttcagaac	tggaggtcag	gttcctgaca	caaactacat	300
atztatgggt	gattttgtag	acagagggtta	ctatagtttg	gagaccttca	cttaccttct	360
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acagataaca	caggtctatg	gatttttatga	tgagtgccaa	accaaataatg	gaaatgctaa	480
tgccctggaga	tactgtacca	aagtttttga	catgctcaca	gtagcagctt	taatagatga	540
gcagattttg	tgtgtccatg	gtggtttatc	tcctgatatc	aaaacactgg	atcaaattcg	600
aaccatcgaa	cggaatcagg	aaattcctca	taaaggagca	ttttgtgatc	tggtttggtc	660

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aaatacaaga	gaaccaaagt	tattccgggc	agttccagat	tcagaacgtg	ttattcctcc	960
cagaacgaca	acgccatatt	tcctttgagg	ccttcgcccc	tcctgctgac	ccatttttct	1020
gccctcttct	taccccaatt	ttcttggtatt	accctctaca	atatactttt	tattgagcac	1080
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ccaccctgga	ctcatttgag	aagacttgag	aaatgtctta	atactcacac	tgctgcatgt	1260
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tgacagatta	cacctaaata	ctcctccttt	tgtatcattc	agccttttgt	tttagtttgg	1380
taagttttta	gaaatttcag	cagcaaagtt	gttattcagt	gggcacgatg	gactccaaat	1440
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tgataccagt	tgagtagaat	gtgatcaatc	cagtttacia	tctatcatga	gtattattaa	1980
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atccctttac	tatgattaat	ttttgttatt	ccaggaaata	cttgtgaagc	cagccaatta	2400
ataaagcact	ttagcatctg	ttcaggtagt	tttgaaaacc	aacttttccc	cttcaggata	2460
agaacttcca	ggttacctaa	aaatgcaata	aaaatcttta	tagtctaagc	ttt	2513

<210> 8374

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (240)...(1094)

<223> similar to gi214002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8374

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ggagggtcct	ggttgccggc	cccgcccggt	ccctccccgc	cttttaggcg	cccgcgtggc	120
cgggacgtcc	cagtcctcgt	ccgtcctcct	cgctgcccac	cgggtgcacc	agtcctccta	180
cccagcccag	tccgtccgg	cctcaccgcc	tgccggccgg	cccaccccc	accgcagcca	240
tggacgccat	caagaagaag	atgcagatgc	tgaagctgga	caaggagaac	gccatcgacc	300
gcgccgagca	ggccgaagcc	gacaagaagc	aagctgagga	ccgctgcaag	cagctggagg	360

aggagcagca	ggccctccag	aagaagctga	aggggacaga	ggatgaggtg	gaaaagtatt	420
ctgaatccgt	gaaggaggcc	caggagaaac	tggagcaggc	cgagaagaag	gccactgatg	480
ctgaggcaga	tgtggcctcc	ctgaaccgcc	gcattcagct	ggttgaggag	gagctggacc	540
gggcccagga	gcgcctggct	acagccctgc	agaagctgga	ggaggccgag	aaggcggctg	600
atgagagcga	gagaggaatg	aaggtcatcg	aaaaccgggc	catgaaggat	gaggagaaga	660
tggaaactgca	ggagatgcag	ctgaaggagg	ccaagcacat	cgctgaggat	tcagaccgca	720
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tcacctccct	ctgagcccca	cgccagcgtg	gccacctcag	ctctcttctc	tcctctcctt	1140
tccattctct	ctatggggag	gggagcaggc	aggaggagca	gaaattgcca	acattgcaca	1200
gccaggctgg	gagcagccta	gggagagccc	ccatcatgcc	caccaccac	tctggcactg	1260
gcttcacct	ttacctatcc	ccttcacccc	tcttttctg	cttaataaat	tctgaacttg	1320
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ttcactcctg	acaccctggc	acttactgac	accccagcc	cctgcactga	gcccacccac	1440
aaaacaccat	ggcccacgct	gaaaccctc	tgcacaggca	ctccctggct	gtcgctctct	1500
gattcaccac	tgcatgtggg	cacgtgtggc	cccatcaaac	catgaccgcc	tctggtgcca	1560
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tcatectagt	cagtccatct	ggtttgtccc	tgccatgggg	ccctgaagg	ccgtgaatgc	1980
atgtgtcttc	cttgaaccac	tccgatgtct	atatgtcacc	ttcccctggc	cctgcctccc	2040
cacgtctccc	ccttgtgggt	tcccttctcc	ctcacctgct	gcttccccct	acagagacct	2100
tggccagtgc	caaggaggag	aacgtcgaga	ttcaccagat	tcttggacca	gaccctgctg	2160
gaactcaaca	acctgtgagg	gccagcccca	ccccagcca	ggctatgggt	gccaccccaa	2220
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<210> 8375

<211> 3176

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (99)...(1118)

<223> similar to gi4105412 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8375

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aacatgacat	cgagacacc	tacggccttc	tgcatgtagt	gatccggggc	tcccccaagg	180
ggaaccgccc	agccatcctc	acctaccatg	atgtgggcct	caaccacaaa	ctatgcttca	240
acaccttctt	caacttcgag	gacatgcagg	agatcaccaa	gcactttgtg	gtgtgtcacg	300

tgatgcccc	tgacaacag	gtggggcg	cgcagtttcc	tcaggggtac	cagttccct	360
ccatggagca	gctggctgcc	atgctcccca	gcgtgggtgca	gcatttcggg	ttcaagtatg	420
tgattggcat	cggagtgggc	gccggagcct	atgtgctggc	caagtttgca	ctcatcttcc	480
ccgacctggt	ggaggggctg	gtgctgggtga	acatcgaccc	caatggcaaa	ggctggatag	540
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<210> 8376

<211> 1615

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (44)...(1392)
<223> similar to gi4886449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8376
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tcggcccatc tccaaccaag gagcagctgc gggtccccga ggtgcccggg ctggccggtg 480
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agaagagcct ggagatgttg gtgctggaga cccaactct gatcaggggac tcctgtgtct 660
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acagacaaat gcgactgttg cccggcggct ggtggcccgg gccctgggac tccaacacaa 1380
aaagaaagag cggcctgctg tccgggggtcc gctgcccggc tgaggcctgg agacccaact 1440
ggcctggatc tgcgtcccga cggtagctgg cgcccccaac accataagcc ttcacagacg 1500
ccagagcagc cccgcaccac cctcgagctt caccatgggg tgtggtgggc tttagttag 1560
tcccagaaat ggagaaaaaa taaaaactca cgttgttcta atgtgaaaaa aaaaa 1615

```

```

<210> 8377
<211> 1143
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1144)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (865)...(496)
<223> similar to gi200539 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 8377
tttttttttt ttagaagaca aaatgtttta ttttaaaaca ttgaaaaaac attaaaagac    60
aaatgtccat tatgtaacca ggaatgttaa atatatggaa acggtaaatc tctaaaatgt    120
ggtaggtact tccagagcta aatgttgcaa gttatcctac ttttttctct aatatcaaca    180
atacctgata cgatgaaaaa taacaaaaag accttactaa ttatccaatc aaagtcacat    240
tctttgggta aatttatatc aacacaactt aaagttttgt ccaagatgtt cctgacacat    300
gaagcttcca gttgaatttc agaaatgtta acaaaagtat cttccttttt tgccctgtgaa    360
tgtttgagta ttgctgtatt gttggcttat atccactaca gatactgggt ctaggccagc    420
ccaaggatct tcaagcattg aaggcttgaa ataattttcc aactcattag acattctttt    480
ttctctaaca cgccctgatc caaatggtgt agatgtcctt ggagaaccct gggggtgggt    540
ctgctgctgc cctggggagt agccgaattg ctgctgggac cccgcggggg acctggagta    600
ggagccaggg tagccgccag gggacggaga cccgaaccgg ccccccggga agctgccgcc    660
gtgtcgcgga gagtgactgc tcccgtacgg cctagaccgg ggcccgtagc gcggcggtgtg    720
gtgcggactc ccgtaccctg ctcgagggga gggcgccgtt ggtccgcccc cgcccggggt    780
tccccggaag ctgcttcgcg taccccaacc tctccacccc ggaccagggt aaggaggagt    840
tgggggccga aaattctgtc gctgcatatc aggagccaaa gccgaaaacc tcgcagccgc    900
gttctcccac cggaactgta tcaaccggcc ctccgcagag aactgctagt cctttaccaa    960
aacagtcttc cgaccgcagc caccctacgg cacatcagtt ccggcgtcac aaagggtccg   1020
ccaggggcgg cgggattacc taaatcactg acttggcgag agactcagtg gatttaagtg   1080
aaaagaggaa gaaaaggaga caggaaagga cggtcnccca agcccagcat catcctttcc   1140
agt                                     1143
```

<210> 8378

<211> 1125

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (568)...(670)

<223> similar to gi402205 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8378
ctgctccatg agcaactggg aaattagttc aaagctctcc agggttttct tttattcatc    60
gaggaagaag caggaagaca ataaaatgaa aagaaacagc aaataattaa gactgacacc    120
atccccctcag tgccagccac ctcaactcacc caagtcttca ttttaagtcag gaaataagat    180
tataaatgaa gatttttttt tctctctggca acatgaatgc aaagaaacat ttccatcagc    240
acagagagat cagcaggatg cttatagaat agaagactat tcagtgcagc ccaattcact    300
tgcaaattaa gacacattca ctgaagatgc cctatatgtt ccactaaaat gttttttttt    360
ttgatatagg gttgggggca ggggtggttt gttgcaggcc actgtgtaca catagcttat    420
ctgtcattcg agatgaaaga gttcctgcaa actaaccaga gaacgttccc caataccctg    480
tacattattg gaattcatgg aggggagaat tcaaaaggaa gatggagtga agactgaata    540
acacaaaact gttctcttct actttaagga aaacccaaaa gtgacactgt ggattttcac    600
tgttctaagc tccccgtgac ctgtggtgag gcgaaaggga ttttatataa gaagaaaatg    660
```

aaacacggtg	agttccttgg	tcttctgctc	tttggaatcc	ctagatgaag	gactcactag	720
aagggaggaa	aatacccggtg	tgtgtaattg	atcaggaaat	ggaccctgct	agctagactg	780
cagaagaaac	gcttcttagg	aaggaatttc	caaactcttc	cacatcatgg	tatttctggc	840
aatcagaccc	tccactccca	cctggaagtc	acccatgggc	cctgctgtac	tgacagccat	900
gtccttgctg	catgtaggca	ctacacgaat	gcacattctg	tcccaccctt	caccactcag	960
tcaggcttta	gggctggctt	cagtccaaga	gaagaggccc	gcagactccc	ctgctactcc	1020
ttccacctca	cagaggaagt	ctctcttgac	ctggaaaggt	agaaggccac	aattaggatg	1080
aagaggttca	cgggtgaattc	acagaggatg	ggggtagatc	caaga		1125

<210> 8379

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (94)...(769)

<223> similar to gi5852981 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8379						
gattattaaa	gcttcgccgg	agccgcggct	cgtecttcca	ctccgccagc	ctccgggaga	60
ggagccgcac	ccggccggcc	cgccccagc	cccatggacc	tccgagcagg	ggactcgtgg	120
gggatgtag	cgtgcctgtg	cacggtgctc	tggcacctcc	ctgcagtgcc	agctctcaat	180
cgcacagggg	acccagggcc	tggccctcc	atccagaaaa	cctatgacct	caccgcgtac	240
ctggagcacc	aactccgcag	cttggtggg	acctatctga	actacctggg	ccccctttc	300
aacgagccag	acttcaacc	tcccgcctg	ggggcagaga	ctctgcccag	ggccactgtt	360
gacttggagg	tgtggcgaag	cctcaatgac	aaactgcggc	tgaccagaa	ctacgaggcc	420
tacagccacc	ttctgtgtta	cttgctggc	ctcaaccgtc	aggctgccac	tgtgagctg	480
cgccgcagcc	tggccactt	ctgcaccagc	ctccagggcc	tgctgggcag	cattgcgggc	540
gtcatggcag	ctctgggcta	cccactgcc	cagccgctgc	ctgggactga	accacttgg	600
actcctggcc	ctgccacag	tgacttctc	cagaagatgg	acgacttctg	gctgctgaag	660
gagctgcaga	cctggctgtg	gcgctcgcc	aaggacttca	accggtcaa	gaagaagatg	720
cagcctccag	cagctgcagt	caccctgcac	ctgggggctc	atggcttc		768

<210> 8380

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (141)...(701)

<223> similar to gi3402216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 8380
cacagataaa gataagtttt actgtcatgc tgcttttaac ataacagagc aacatcacct    60
aggaaaaaag tttgtaggag gatttttaat ccatatattt gtcttatggc tagataaaga   120
tttctctgaa aaaaagaagc atgtcaggaa tctctgggtg cccctttttc ctctggggac   180
ttctagcatt gttgggcttg gctttgggta tatcactgat cttcaatatt tcccactatg   240
tggaaaagca acgacaagat aaaatgtaca gctactccag tgaccacacc agggttgatg   300
agtattatat tgaagacaca ccaatttatg gtaacttaga tgatatgatt tcagaaccaa   360
tggatgaaaa ttgctatgaa caaatgaaag cccgaccaga gaaatctgta aataagatgc   420
aggaagccac cccatctgca caggcaacca atgaaacaca gatgtgctac gcctcacttg   480
atcacagcgt taaggggaag cgtagaaagc ccaggaaaca gaatactcat ttctcagaca   540
aggatggaga tgagcaacta catgcaatag atgccagcgt ttctaagacc accttagtag   600
acagtttctc cccagaaagc caggcagtag aggaaaacat tcatgatgat cccatcagac   660
tgtttgatt  gatccgtgct aagagagaac ctataaac                                698

```

<210> 8381

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(1118)

<223> similar to gi403144 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8381
aattcccggtg tcgacgattt cgtggccgtc atggcgcccc gaaccctcgt cctgctactc    60
tcgggggctc  tggccctgac ccagacctgg gcgggctctc actccatgag gtatttcttc   120
acatccgtgt  cccggcccggt cgcgggggag ccccgcttca tcgcagtggg ctacgtggac   180
gacacgcagt  tcgtgcggtt cgacagcgac gccgcgagcc agaggatgga gccgcgggag   240
ccgtggatag  agcaggagggt tccggagtat tgggacgggg agacacggaa agtgaaggcc   300
cactcacaga  ctcaccgagt ggacctgggg accctgcgcg gctactacaa ccagagcgag   360
gccggttctc  acaccgtcca gaggatgtat ggctgcgacg tggggtcgga ctggcgcttc   420
ctccgcgggt  accaccagta cgcctacgac ggcaaggatt acatcgccct gaaagaggac   480
ctgcgctctt  ggaccgcggc ggacatggca gctcagacca ccaagcacia gtgggaggcg   540
gcccatgtgg  cggagcagtt gagagcctac ctggagggca cgtgcgtgga gtggctccgc   600
agatacctgg  agaacgggaa ggagacgctg cagcgcacgg acgcccccaa aacgcataatg   660
accaccacc  ccatctctga ccatgaagcc accctgaggt gctgggccct gagcttctac   720
cctgcggaga  tcacactgac ctggcagcgg gatggggagg accagacca ggacacggag   780
ctcgtggaga  ccaggcctgc aggggatgga acctccaga agtgggcggc tgtggtggtg   840
ccttctggac  aggagcagag atacacctgc catgtgcagc atgagggttt gcccagccc   900
ctcacctga  gatgggagcc gtcttcccag cccaccatcc ccatcgagg catcattgct   960
ggcctgggtc  tctttggagc tgtgatcact ggagctgtgg tcgctgctgt gatgtggagg  1020
aggaagagct  cagatagaaa aggaggaggt tactctcagg ctgcaagcag tgacagtgcc  1080
cagggtctctg atgtgtctct cacagcttct aaagtgtgag acagctgcct tgtgtgggac  1140
tgagaggcaa  gagttgttcc tgcccttccc tttgtgactt gaagaaccct gactttgttt  1200
ctgcaaaggc  acctgcatgt gtctgtgttc gtgtaggcat aatgtgagga ggtggggaga  1260

```

ccacccccacc	cccatgtcca	ccatgaccct	cttcccacgc	tgacctgtgc	tcctcccca	1320
atcatctttc	ctgttccaga	gaggtggggc	tgaggtgtct	ccatctctgt	ctcaacttca	1380
tggtgcactg	agctgtaact	tcttcttcc	ctattaaaaat	tagaacctta	gtataaat	1440
actttctcaa	attcttgcca	tgagaggttg	atgagttaat	taaaggagaa	gattcctaaa	1500
atttgagaga	caaaataaat	ggaagacatg	agaaccttcc	aaaaaaaaa		1549

<210> 8382

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(406)

<223> similar to gi2995181 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8382	
agttttagtc	60
agatgggtcc	120
ggcgcgatgt	180
attcactcag	240
ttgctgccct	300
cccgtccgcg	360
ctgacctagg	420
attgagcttg	480
ccaaacccta	540
aaactacttt	600
ggacttaaca	660
tgtgaatgtt	720
tgtattaaga	780
tagctcatgt	840
taactattat	900
gctccacttc	960
ttaagggact	1020
gaaaagtttg	1080
aaatgagtaa	1140
agtgataaaa	1192

<210> 8383

<211> 1681

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (226)...(986)

<223> similar to gi2852604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8383

```
atcagagcat tagatcttgc tggagatcct acaagctata agactttgca gaaatgtcct      60
tctacagaac cagaagaaaa aggaaatatc gtggaagaac agccccagaa aaataccacg     120
gagaaattgg gtgtgtcagc tcccaccata cccgttagaa ggcggctggc ttgggataca     180
gagaacacaa gtgaagacgt acagaaacag cccggggaga aagaggagga ggacgacaat     240
gaagaggaag gggacaggaa aacgggcaag caggctttaa tgggagagca agagaagttg     300
gatgtacatg agaaatctaa ggcagataag atgaaagaag ggtcagattc ttctgtatcc     360
tcagaaaaag gaggccggct tcctactccc aagctgagag aacttggtgg aatccagagg     420
actcatcatg atctcactac tccagctggt ggtggtgctg ttttagtgct tccatctaag     480
atgaagcctc cagccccaga acagaggaaa agaatagacct ctcaggattg tttagaaact     540
tcaaagaatg attttactaa gaaagaaagt cgtgctgtat ccctactgac ttctccagct     600
gctgggtataa aaacagttga tcctctgcct ttgcgggaag attctgaaga caatatccac     660
aaatttgctg aggcaactct tccagtttca aaaattccaa aatacccaac aaatccccct     720
ggacagttgc cttctccacc acatgttcca tcctactggc atccctctcg acgaattcag     780
ggctctctta gagatccaga gtttcagcac aatgtgggaa aagcaaggat gaacaatttg     840
cagttacctc aacatgaagc ctttaatgat gaagatgagg acagattgtc tgagatttct     900
gctcgctctg cagcttctag tctccgggct tttcaaactc tggcacgagc taagaaaagg     960
aaggagaatt tctggggtaa aacataaacc tagctgagtt gcctttatct aaggaaacat    1020
tggcataatt tttctttatt gcttactgtg ttaaaatttt ttgagtgaag tttttcctaa    1080
cattttctac tttgaaatat ttaatttcca atagaacagt ttacttgga attgttaaca    1140
taggcttata caaatttaac ttttaaagaa ttctttttac atctatccca gagtacaaaag    1200
acctagatta ttgaattcct cacatgtaac tttcgtaata ggtgtcatgg atagattttc    1260
acctatccag agagtattct aaaaaaataa acaaagtga gtaaaagtta agatcccag    1320
gtgaagtata tattccccta agatttgata tatgtatctt tataattgat gatgttgaaa    1380
atgaatttgg tgggtcccctt aacccttgcc tgtagtgtt ctttttatt tagttccctt    1440
cctatacatg tttgccagt ttaagataat tgtactttga aaacacccag ctgtatatat    1500
ttttccttat ttatgtaacg aaagtgtgct gaaagatatg tatatttttg atctttgagt    1560
gtattctatt tgtgtaagga ctttggtctt catttgaata atgtctagat tttgaaaaat    1620
tacctgtata atggagaatt aaaactttgt agacattttg aaataaaaaat ggatcaagtg    1680
c
```

<210> 8384

<211> 3730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3413)...(343)

<223> similar to gi219942 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8384

tttttttttt	ttccattata	atagccatct	ttatttgtaa	aaatccagat	ataaaatgta	60
ttctttcagt	ctttccgggt	gttccttttt	tacaaaaaca	aaaaggcaca	taaaaacctt	120
ccccgctgtc	atttccacag	atggatgggt	ttcaggcagc	cctccccctt	ccccccatag	180
agctacatgc	ttcattccag	gacgtcttgc	ttccccacat	gctgcgggtg	tttcttacca	240
gggtagagtt	ccaaaactcca	agactgaagt	acacaaagag	ggggtagggg	tcggatgcag	300
agtgtgtggc	ctgatgtctc	acggcgtgca	ggacgggggg	ctaatagtag	gtttccttct	360
ccaccagcc	gccagggcgt	cgcctgatga	tgagttttct	gacttcgtca	tatacgaaga	420
tgagaagaga	gtaggggaag	gcacagaacc	accaggtagg	tttgagggga	tacatcctaa	480
gagcaacacc	cattccaggg	cagtaggaaa	ggaaagcagc	cagggctgtc	tcttcaaaga	540
ggccaaatat	caagatcttg	ttcttcatcc	cctgctggaa	gaccgaattc	ctcctgggtc	600
tacagatgac	caagtccggc	cactgcacca	ccacgatact	gacgaagaag	gctgtgtggc	660
aggtgaactc	cacgattttc	ctctgtcat	aggtccactg	ctgcccgtag	ctgtcttcca	720
catcgttgat	ccagcgggtca	tcccagttca	ctcggaggcc	caacaggtga	attgggagga	780
agccgttctc	agccagaatc	acaaagtaag	taaagaagcc	tcccagggcc	tggatcattc	840
caatctgccc	ataggccatg	ctgatcagcc	gtcattcac	aagtttgtct	gttttgggat	900
ttctgggctg	tctcttcatg	atgtcactct	cagcctgtct	ataagccagg	gagatggcag	960
gaaccatgtc	agtgcccaag	tcaatgcaga	ggatgggtgac	agtccccagt	ggtagtggaa	1020
tgtttgcaat	aataaatatc	aggaacgggg	tgatctcggg	aatgttactg	gttaagggtat	1080
aagcaatgga	tttcttcaag	ttatcaaaga	tcagacgacc	ttcctctact	ccagtcacaa	1140
ttgaggcaaa	gttgtcatcc	agaagaatca	tgtcagcagc	ttgcttggac	acatctgagc	1200
cagcaatccc	catagcaacc	ccaatgtctg	ctttcttcaa	agctggagag	tcattcacac	1260
cgtcaccagt	cacagccacg	atagcaccct	gtctttggca	gccttcacaa	atgatgagct	1320
tctgctgagg	ggagggtcctg	gcaaacacta	tctcagtgtg	gtacttcaaa	atgtcatcca	1380
gctgctcgga	ggatcatgtcc	tttagatcac	tgccgtgtac	tacgcaggcc	ttggcatccc	1440
tgggggttcac	ctggctgact	gggatgttga	ggcgggcagc	aatgtcttcc	acggtctcat	1500
tgcttcttga	gatgatgccc	acacctttgg	caatagcttt	agctgtgatt	ggatgggtctc	1560
ctgtgaccat	gatgacctta	attccagcac	ttcgacattt	gcccacggca	tcaggaacgg	1620
ccgcccgtgg	aggggtcaatc	atggagatga	gcccaacaaa	gcacagatta	tcgataggga	1680
aattcacatc	gtcagtgtca	aactggaacc	cttcaggaaa	ctgttcatct	ggcagaaaga	1740
ggtaggcagaa	acctaggact	cgttctccga	ggccccccag	ctccaaatag	gcgttctgaa	1800
aggcgtcttt	cagctcctca	tccagggggt	gtccttggc	gtggaggagg	atagagctgc	1860
aacgggtctag	gatccttttct	ggggcgccct	tcacaccaa	caggtgttgg	ggctccgatg	1920
tgtaggggtt	cttatgaata	gacaactggg	acttgttggg	ggagtgaag	ggtatctcga	1980
cgattttggc	gtatcttttct	ctcatctcct	tcacggaacc	acagcacagc	tctatgcact	2040
ttaagagtgc	tgactcagag	gcatctcctg	caactgcccg	cttaagaata	ggtagggtttt	2100
cctgggttagc	ctgaaacact	gccctgttac	aaagacctgc	aattctggac	agagcaagcc	2160
aggtagctga	agtcttgtca	aaagagacac	cactctgatt	ctctgtcgta	tcagcttcat	2220
ggatttgatt	gtcaaaaccac	atgtggggcca	ctgtcatccg	gttctgagtc	agagttccag	2280
ttttatcaga	gcagatgggtg	gacgtgggacc	ccaaggtctc	cacagcttct	aagttcttca	2340
ctaagcagtt	tttcttggcc	atgcgttttg	cagtaagtgt	cagacagacc	gtgacagtgg	2400
ccagcaaac	ttccggcaca	ttggctacga	tgataccgat	gaggaagatg	acagcctcaa	2460
gccaggtgta	ctcaaggatg	agagaaaagga	tgaagaaaga	cacaccagag	aacacagcca	2520
caccgctgat	gatgtggata	aaatgttcaa	tttctgcagc	aatgggggtc	tggcctcctt	2580
ccagcccaga	agcaagtgtg	gcaattcttc	ccatcacagt	gcgatcccca	gtgtagacaa	2640
caataccacg	tgcggtgcct	tcaacacaa	ttgttgaaaa	gaaggcaatg	ttcctcgtct	2700
ccaggggggt	ttcatttgtg	aaatctggag	acctagtctg	gggttctgat	tcaccagtga	2760
gcgaggagtt	atccaccttg	cagccatttg	cagatatgat	tctgagggtca	gcaggaattc	2820
gggtctcctcc	ttttacttcc	accagatccc	caaccacaac	ttcctccgca	tttatgtctca	2880
ttttctcacc	atttcgaatc	acaagggcct	gctgagggac	catgtttttg	aaggattcca	2940
tgatctttga	acttttagct	tcttgatagt	aggagaagca	accagttatg	attacaacgg	3000
ctgatagcac	cacaccagag	tacagattat	cgttttgagg	ttcctcttct	gtagcagctt	3060
ggatgctata	agccaagaaa	caaagaatcg	ctccaatcca	cagtaacatt	gagaaccccc	3120
caaagagctg	ccgacaaaac	ttgatccatt	caggagtagt	gggaggggga	gtgagggcgt	3180
tgggaccatc	tcgcgccagg	atctcagctg	cacgagcaga	tgtaaatccc	cggctcaagt	3240
ctgttccata	tttacgatga	agttcatcaa	ggctaagttt	atgatcatcc	atagaaactt	3300
ctttcttcag	ttcatccatg	tccctgtctt	ttttgccctt	tttgcccttt	ttatcacctt	3360
gttctgaaac	agctgcaggc	tcatacttat	cacgtccaac	ccccttcccc	atggtggcgg	3420

tgctcagtgc	ccggcgccgg	gtcctgtcgc	tggagaatca	gagagaaaag	cacagagcag	3480
ctccccggcg	agcgagcggg	accaggggag	ccaagtggag	ggagctaggg	ctgccgcggg	3540
gcgggagggg	gggagcgggc	cgcggtcggg	gccgatgccg	ccgccgctgt	tgctgccgcc	3600
gccccgggctc	gtaccgctgt	tgccacgtgt	ccgttcctct	caagatgctt	tcgaacagca	3660
actgctttct	taattaaatg	gtagagatct	tcaggaagat	caggagcaag	tcccttagac	3720
ttaagaattc						3730

<210> 8385

<211> 1517

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1340)...(300)

<223> similar to gi34388 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8385

tttttttttt	ttcttgtgac	gtcattttat	tttcagctac	atagacatct	ttctcatgta	60
ttgttactag	aacaacttgt	atagggtttt	atggtttggg	gaaaacattt	ttaaaaaatg	120
gacttatctc	tattatacag	agttataata	taaaaatgat	ttaaaggcta	tatttttcag	180
catgtaggta	gctacactgt	aatcctgttg	aagaaacttt	cctattttaag	cttataggat	240
gaaaatatat	aattaaagtc	ttctgatcat	agcttgagac	catcaaggga	atgttttagtt	300
tcctccacaa	agagccacca	ggattttctc	ataatctcct	ttggtttcat	ccaggatggc	360
ttggcaaagg	gagataccat	acatcttctg	atagaatgct	ttgatatcat	tcatgtcaat	420
ttcagaacgg	gaaaccataa	tcctgatcaa	tgccttatgg	cgagttccaa	cacctttcat	480
ggcttgatga	agcttctctg	caaagaaagc	tggtttgctt	gtggcgcact	tcacgatagc	540
tgtgaggcat	ttctcaatgt	cacctttcaa	ctccagggtc	agaactttgt	tcatgtcatg	600
cttactgtac	ttggtgtatt	tctgaaacac	tctgcgaagt	tgtggatagc	ttctgggtgg	660
aaggatggta	ttgaacacgt	ttacgtctgt	cccctttctc	ctttctcctg	cttcatacaa	720
ggccctggca	tctgaatcag	ccaagtcttc	attcacacca	aagtcctcag	atcggtcacc	780
cttagcaaga	gaaagcaaag	cgttccgaaa	atctccagat	gtgtctgagg	ttatgtcttt	840
ggccagatct	ctcttcagtt	cctctctgta	gaccctgtta	atgtctctga	ttcttttggt	900
agttcttgat	gccaaaatct	caattagagt	atcttcatca	gttccaaggc	ccttcatggc	960
agcacgaagt	tcatcagcat	caaattgcgc	tggagttttt	agcagagcta	aaacaacctc	1020
ctcaagggtga	cctgtaaggg	ctttcttcag	tgtttcatcc	aggggctttc	ctgtttcctg	1080
gagatatgct	gctttgatct	gttgacgctg	tgcattgttt	cgcttagtta	gaatgtcaat	1140
gatggttgct	tcatccacac	ctttaaccat	tatggcctta	tgcaaggcag	cgacatccga	1200
ggatggattg	aaggtaggat	aggggctcac	cgctgatccg	ggaccacctt	tggatgactt	1260
cacagtttga	acataattcct	gctcttcatt	ttcaataaac	caggcctgct	tgaggaattc	1320
tgataccatt	gccatttttg	aaaaagtgtc	tttatctcta	ccttcttgca	aagaactaaa	1380
gagaaattct	tctctgaaga	tttcacactg	gcagtggaga	cttgggcttc	tgattttata	1440
ggatttttaa	ggaagccaca	cctagcaacc	agaagttagt	aattggctgc	cttctgtttg	1500
aagtacatgg	ctcagct					1517

<210> 8386  
 <211> 1256  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (50)...(808)  
 <223> similar to gi386988 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8386
ggtggaattc cacccccagc gggcgcgggc cggagcacgg gcaccagca tgggggtact      60
gctcacacag aggacgctgc tcagtctggt ccttgcactc ctgtttccaa gcatggcgag    120
catggcggct ataggcagct gctcgaaaga gtaccgctg ctccttgcc agtccagaa    180
gcagacagat ctcatgcagg acaccagcag actcctggac ccctatatac gtatccaagg    240
cctggatgtt cctaaactga gagagcactg cagggagcgc cccggggcct tccccagtga    300
ggagaccctg agggggctgg gcaggcgggtg cttcctgcag accctcaatg ccacactggg    360
ctgcgtcctg cacagactgg ccgacttaga gcagcgctc cccaaggccc aggatttgga    420
gaggtctggg ctgaacatcg aggacttgga gaagctgcag atggcgaggc cgaacatcct    480
cgggctcagg aacaacatct actgcatggc ccagctgctg gacaactcag acacggctga    540
gcccacgaag gctggccggg gggcctctca gccgccacc cccaccctg cctcggatgc    600
ttttcagcgc aagctggagg gctgcaggtt cctgcatggc taccatcgct tcatgcactc    660
agtggggcgg gtcttcagca agtgggggga gagcccgaac cggagccgga gacacagccc    720
ccaccaggcc ctgaggaagg ggggtgcgcag gaccagacc tccaggaaag gcaagagact    780
catgaccagg ggacagctgc cccggtagcc tcgagagcac cccttgccgg tgaaggatgc    840
ggcagggtgt ctgtggatga gaggaacat cgcaggatga cagctcccgg gtccccaaac    900
ctgttcccc tctgtactag ccaactgagaa gtgcacttta agaggtggga gctgggcaga    960
ccccctacc tctccaggc tgggagacag agtcaggctg ttgcgctccc acctcagccc   1020
caagttcccc aggcccagtg ggggtggccgg gcgggccacg cgggaccgac ttccattga   1080
ttcaggggtc tgatgacaca ggctgactca tggccgggct gactgcccc ctgccttgct   1140
ccccgaggcc tgccggctct tccctctcat gacttgacag gccgttgccc ccagacttcc   1200
tcctttccgt gtttctgaag gggaggtcac agcctgagct ggcttcctat gcctca     1256
  
```

<210> 8387  
 <211> 500  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (143)...(427)  
 <223> similar to gi2407950 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8387
tttcgtggag gagtttcagc ggatgcagat tcttttctctg tcaccaggc tatagtgtgc      60
  
```

aggggcacga	tctcagctca	ctgcaacctc	cacctcccgg	gttcaagtga	ttctcctatc	120
tcagcttccc	tagtagctgg	gattacaggc	tcagctcctg	gaactccgga	caaacaacta	180
ccagctttca	gatgaactac	gcaagaatgg	tgttgaactc	accagtcttc	gacagaaggt	240
cgctacttg	gataaggagt	tcagcaaagc	tcagaaggca	ctgagcaaga	gcaagaaagc	300
tcaggaagtc	gaggtattgc	tgagtgaaaa	tgagatgctg	caggcaaagc	tgacagacca	360
ggaggaggac	ttccgtttgc	agaacagcac	actaatggcc	gagttcagca	agctctgcag	420
ccagatggaa	cagctggagc	aagagaacca	gcaactgaag	gagggggctg	caggagcagg	480
ggttgcccaa	gctgggcccg					500

<210> 8388

<211> 2325

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (77)...(1565)

<223> similar to gi37187 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8388

tcccgcgtcg	acgatttcgt	cacctcacc	tgcggtgccc	agctgcccag	gctgaggcaa	60
gagaaggcca	gaaaccatgc	ccatggggtc	tctgcaaccg	ctggccacct	tgtacctgct	120
ggggatgctg	gtcgcttcc	gcctcggacg	gctcagctgg	tatgaccag	atttccaggc	180
aaggctcacc	cgttccaact	cgaagtgcc	gggccagctg	gaggtctacc	tcaaggacgg	240
atggcacatg	gtttgcagcc	agagctgggg	cggagctcc	aagcagtggg	aggaccccag	300
tcaagcgtca	aaagtctgcc	agcggtgaa	ctgtgggggtg	cccttaagcc	ttggcccctt	360
ccttgtcacc	tacacacctc	agagctcaat	catctgtctac	ggacaactgg	gctccttctc	420
caactgcagc	cacagcagaa	atgacatgtg	tcactctctg	ggcctgacct	gcttagaacc	480
ccagaagaca	acacctccaa	cgacaaggcc	cccgccacc	acaactccag	agcccacagc	540
tcctcccagg	ctgcagctgg	tggcacagtc	tggcgggccag	cactgtgccg	gcgtggtgga	600
gttctacagc	ggcagcctgg	ggggtaccat	cagctatgag	gccaggaca	agaccagga	660
cctggagaac	ttcctctgca	acaacctcca	gtgtggtctc	ttcttgaagc	atctgccaga	720
gactgaggca	ggcagagccc	aagaccaggg	ggagccacgg	gaacaccagc	ccttgccaat	780
ccaatggaag	atccagaact	caagctgtac	ctccctggag	cattgcttca	ggaaaatcaa	840
gccccagaaa	agtggccgag	ttcttgccct	cctttgctca	ggtttccagc	ccaaggtgca	900
gagccgtctg	gtggggggca	gcagcatctg	tgaaggcacc	gtggaggtgc	gccagggggc	960
tcagtgggca	gccctgtgtg	acagctcttc	agccaggagc	tcgctgcggt	gggaggaggt	1020
gtgccgggag	cagcagtgtg	gcagcgtcaa	ctcctatcga	gtgctggacg	ctggtgacct	1080
aacatcccgg	gggctcttct	gtccccatca	gaagctgtcc	cagtgccacg	aactttggga	1140
gagaaattcc	tactgcaaga	aggtgtttgt	cacatgccag	gatccaaacc	ccgcaggcct	1200
ggccgcaggc	acggtggcaa	gcatactcct	ggccctggtg	ctcctggtgg	tgctgctggt	1260
cgtgtgcggc	ccccttgcc	acaagaagct	agtgaagaaa	ttccgccaga	agaagcagcg	1320
ccagtggatt	ggcccaacgg	gaatgaacca	aaacatgtct	ttccatcgca	accacacggc	1380
aaccgtccga	tcccatgctg	agaacccac	agcctccac	gtggataacg	aatacagcca	1440
acctcccagg	aactcccgcc	tgtcagctta	tccagctctg	gaaggggctc	tgcatcgctc	1500
ctccatgcag	cctgacaact	cctccgacag	tgactatgat	ctgcatgggg	ctcagaggct	1560
gtaaagaact	gggatacatg	agcaaaaagc	cgagagccag	acctgtttgt	cctgagaaaa	1620
ctgtccgctc	ttcacttgaa	atcatgtccc	tatttctacc	ccggccagaa	catggacaga	1680
ggccagaagc	cttccggaca	ggcgctgctg	ccccgagtgg	caggccagct	cacactctgc	1740

tgcacaacag	ctcgcccgcc	cctccacttg	tggaagctgt	ggtgggcaga	gccccaaaac	1800
aagcagcctt	ccaactagag	actcgggggt	gtctgaaggg	ggcccccttt	ccctgcccgc	1860
tggggagcgg	cgtctcagtg	aaatcggtt	tctcctcaga	ctctgtccct	ggtaaggagt	1920
gacaaggaag	ctcacagctg	ggcgagtgc	ttttgaatag	ttttttgtaa	gtagtgtctt	1980
tctctcttcc	tgacaaatcg	agcgcttttg	cctcttctgt	gcagcatcca	cccctgcgga	2040
tccctctggg	gaggacagga	aggggactcc	cggagacctc	tgcagccgtg	gtggtcagag	2100
gctgtctacc	tgagcacaaa	gacagctctg	cacattcacc	gcagctgcca	gccaggggtc	2160
tgggtgggca	ccaccctgac	ccacagcgtc	acccccactcc	ctctgtctta	tgactcccct	2220
ccccaacccc	ctcatctaaa	gacaccttcc	tttccactgg	ctgtcaagcc	cacagggcac	2280
cagtgcacc	cagggccctg	cacaaagggg	cgcctagtaa	acctt		2325

<210> 8389

<211> 1519

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (405)...(1318)

<223> similar to gi5817855 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8389

cccgggtcga	cgatttcgtg	agaagtgagg	ctgagtgagg	tggggtctgc	agggatccag	60
gtgggagggg	cccagccagc	caaggtcagg	cccagccccc	caaggtcagg	cccagccctt	120
cggcaggagg	acggggaccg	cggccttttg	gcagggtcga	cttggcactg	accacaaggg	180
aggccctttt	gcaatagggg	aaaataagcc	agatggataa	aggaagtgtc	ggtcaccctg	240
gaggtgcact	ggtttgggga	aggctcctgg	ccccacagc	cctcttcgga	gcctgagccc	300
ggctctcttc	actcacctca	acccccaggc	ggccccctca	cagggccctt	ctcctgcctg	360
gacggctctg	ctgggtctccc	cgtccccctg	agaagaacaa	ggccatgggt	cggccccctg	420
tgttgccttc	actgcccctg	ctgctgcgc	cagcatttct	gcagcctagt	ggctccacag	480
gatctgggtc	aagctacctt	tatgggggtc	ctcaacaaaa	acacctctca	gcctccatgg	540
gtggctctgt	ggaaatcccc	ttctccttct	attacccttg	ggagttagcc	acagctcccg	600
acgtgagaat	atcctggaga	cggggccact	tccacaggca	gtccttctac	agcacaaggc	660
cgccttccat	tcacaaggat	tatgtgaacc	ggctctttct	gaactggaca	gagggtcaga	720
agagcggctt	cctcaggatc	tccaacctgc	agaagcagga	ccagtctgtg	tatttctgcc	780
gagttgagct	ggacacacgg	agctcaggga	ggcagcagtg	gcagtccatc	gaggggacca	840
aactctccat	caccagggct	gtcacgacca	ccaccagag	gcccagcagc	atgactacca	900
cctggagggt	cagtagcaca	accaccacaa	ccggcctcag	ggtcacacag	ggcaaacgac	960
gctcagactc	ttggcacata	agtctggaga	ctgctgtggg	ggtggcagtg	gctgtcactg	1020
tgtcgggaat	catgattttg	ggactgatct	gcctcctcag	gtggaggaga	aggaaagggtc	1080
agcagcggac	taaagccaca	accccagcca	gggaaccctt	ccaaaacaca	gaggagccat	1140
atgagaatat	caggaatgaa	ggacaaaata	cagatcccaa	gctaaatccc	aaggatgacg	1200
gcacgtctta	tgttccctt	gcccctctca	gtccacctc	acccagagca	cctcccagcc	1260
accgtccctt	caagagcccc	cagaacgaga	ccctgtactc	tgtcttaaag	gcctaaccac	1320
tggacagccc	tctcaagact	gaatgggtgag	gccaggtaca	gtggcgacac	cctgtaatcc	1380
cagctactct	gaagcctgag	gcagaatcaa	gtgagcccag	gagttcaggg	ccagctttga	1440
taatggagcg	agatgccatc	tctagttaaa	aatatatatt	aacaataaag	taacaaattt	1500
aaaaaaaaaa	aaaaggggg					1519



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<210> 8390
<211> 2195
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(1591)
<223> similar to gi3341996 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8390
cagggcagcc ttcagtctga ttcaggagaa cgaggtcctc ttcaccatgt gcttcatccc      60
cctgggtctgc tggatcgtgt gcactggact gaaacagcag atggagagtg gcaagagcct      120
tgcccagaca tccaagacct ccaccgcggt gtacgtcttc ttcttttcca gtttgctgca      180
gccccgggga gggagccagg agcacggcct ctgcgccac ctctgggggc tctgctcttt      240
ggctgcagat ggaatctgga accagaaaat cctgtttgaa gagtccgacc tcaggaatca      300
tggactgcag aaggcggatg tgtctgcttt cctgaggatg aacctgttcc aaaaggaagt      360
ggactgcgag aagttctaca gcttcatcca catgactttc caggagtctt ttgccgccat      420
gtactacctg ctggaagagg aaaaggaagg aaggacgaac gttccaggga gtcgtttgaa      480
gcttcccagc cgagacgtga cagtccttct ggaaaactat ggcaaattcg aaaaggggta      540
tttgattttt gttgtacgtt tcctcttttg cctggtaaac caggagagga cctcctactt      600
ggagaagaaa ttaagttgca agatttctca gcaaatcagg ctggagctgc tgaaatggat      660
tgaagtgaag gccaaagcta aaaagctgca gatccagccc agccagctgg aattgttcta      720
ctgtttgtac gagatgcagg aggaggactt cgtgcaaagg gccatggact atttccccaa      780
gattgagatc aatctctcca ccagaatgga ccacatgggt tcttcttttt gcattgagaa      840
ctgtcatcgg gtggagtcac tgtccctggg gtttctccat aacatgccc aaggaggaaga      900
ggaggaggaa aaggaaggcc gacaccttga tatggtgcag tgtgtcctcc caagtcctc      960
tcatgctgcc tgttctcatg gattggggcg ctgtggcctc tcgcatgagt gctgcttcca      1020
catctccttg gtcctcagca gcaaccagaa gctgggtggag ctggacctga gtgacaacgc      1080
cctcgggtgac ttcggaatca gacttctgtg tgtgggactg aagcacctgt tgtgcaatct      1140
gaagaagctc tgggttggtga attctgcctt acgtcagctc gttgttcagc tttgtcctcg      1200
gtactcagca ctaatcagaa tctcacgcac ctttactgcg aggcaacact ctcgagaca      1260
agggatcaaa ctactctgtg agggactctt gcaccccgac tgcaagcttc aggtgttgga      1320
attagacaac tgcaacctca cgtcacactg ctgctgggat ctttccacac ttctgacctc      1380
cagccagagc ctgcgaaagc tgagcctggg caacaatgac ctgggcgacc tgggggtcat      1440
gatgttctgt gaagtgtctg aacagcagag ctgcctcctg cagaacctgg ggttgtctga      1500
aatgtatttc aattatgaga caaaaagtgc gttagaaaca cttcaagaag aaaagcctga      1560
gctgaccgtc gtctttgagc cttcttggtg ggagtggaaa cggggctgcc agacgccagt      1620
gttctccggt ccctccagct gggggccctc aggtggagag agctgcgac catccaggcc      1680
aagaccaagc ctctgtgatc cttccggtgg agtgtcggag aagagagctt gccgacgatg      1740
ccttctctgt cagagcttgg gcactcctt aacgccccgg gtgaggaaga caccaggaca      1800
atggacagcc atcgggtgtt gttcctcatc acagcgccct cagttagagg atgttctct      1860
tgggtgacct atgtaattag ctcatccaat aaagcacttt ctttattttt ctcttctctg      1920
tctaactttc ttttctctat ctttttttct tctttgttct gtttactttt gctcatatca      1980
tcattcccgc tatctttcta ttaactgacc ataacacaga actagttgac tataatattat      2040
gttgaaattt tatggcagct atttatattt ttaaaatttt tgtaatatgt ttgttttcta      2100
ataagaaaaa tccatgcctt ttgtagctgg ttgaaaattc aggaatatgt aaaacttttt      2160
ggtatttaat taaattgatt ccttttctta atttt      2195

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```

<210> 8391
<211> 1761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (206)...(1406)
<223> similar to gi950412 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8391
acgtccgtgg gggctctgcaa tggccacctt tagccgccag gaatttttcc agcagctact      60
gcaaggctgt ctctgccta ctgccagca gggccttgac cagatctggc tgctccttgc      120
catctgcctc gcctgccgcc tcctctggag gctcgggttg ccatacctacc tgaagcatgc      180
aagcaccgtg gcaggcgggt tcttcagcct ctaccacttc ttccagctgc acatggtttg      240
ggtcgtgctg ctacagcctcc tgtgctacct cgtgctgttc ctctgccgac attcctccca      300
tcgaggcgtc ttcctatccg tcaccatcct catctacctt ctcatgggtg agatgcacat      360
ggtagacacc gtgacatggc acaagatgcy aggggcacag atgattgtgg ccatgaaggc      420
agtgtctctg ggcttcgacc tggaccgggg cgagggtggg acgggtgccct cgccagtggg      480
gttcatgggc tacctctact tegtgggcac categtcttc gggccctgga tatecttcca      540
cagctacctt caagctgtcc aaggccgccc actgagctgc cgggtggctgc agaagggtggc      600
ccggagcctg gcaactggccc tgetgtgect tgtgctgtcc acttgctggg gcccctacct      660
cttcccgtac ttcaccccc tcaacgggtga ccgctcctt cgcaacaaga aacgcaaagc      720
caggggcacc atggtaagggt ggctgcgagc ctacgagagt gctgtctcct tccacttcag      780
caactatatt gtgggctttc tttccgaggc cacggccacg ttggcggggg ctggctttac      840
cgaggagaag gatcacctgg aatgggacct gacggtgtcc aagccactga atgtggagct      900
gcctcgggtca atgggtggaag ttgtcacaag ctggaacctg cccatgtctt attggctaaa      960
taactatggt ttcaagaatg ctctccgcct ggggaccttc tcggctgtgc tggtcacctt     1020
tgcagccagc gccctcctac atggcttcag tttccacctg gctgcgggtc tgetgtccct     1080
ggcttttatc acttacgtgg agcatgtcct ccggaagcgc ctggctcgga tcctcagtgc     1140
ctgtgtcttg tcaaagcggg gcccgccaga ctgttcgcac cagcatcgct tgggcctggg     1200
ggcgagacc ttaaacttgc tctttggagc tctggccatc ttccacctgg cctacctggg     1260
ctccctgttt gatgtcgatg tggatgacac cacagaggag cagggctacg gcatggcata     1320
cactgtccac aagtggtcag agctcagctg ggccagtcac tgggtcactt ttggatgctg     1380
gatcttctac cgtctcatag gctgaggcac atctgtggac cctcataacc ctcttaagac     1440
ccctctcagg gtgccactga tgggggatga ggggaaggccc tctctctact ccttgacccc     1500
ctccatcctt gacccccaac acctcaacac acacacacac acacacacac aaaatcacac     1560
cattttcatg cctgtcaatc cccacccac cacaaggcag gaaggggggtg gtgcctgctg     1620
gggcctagag ggggatgctt ggggaaacag agaaggggag atccaggggc tccccgcctt     1680
ccttcttcct ttttatatac aatttgttat tgtcaaataa aagtaggaaa tattcaaaaa     1740
aaaaaaaaag gggggggccc t                                     1761

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<210> 8392
<211> 1803
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (52)...(796)

<223> similar to gi3661527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8392

gagcccagcc	gagcgtccgc	cgctgcccgt	gcgcctctgc	gcctccgcgc	catggccggc	60
ctcaactccc	tggaggcggg	gaaacgcaag	atccaggccc	tgcagcagca	ggcggacgag	120
gcggaagacc	gcgcgcaggg	cctgcagcgg	gagctggacg	gcgagcgcg	gcggcgcgag	180
aaagctgaag	gtgatgtggc	cgccctcaac	cgacgcatcc	agctcggtga	ggaggagttg	240
gacagggtc	aggaacgact	ggccacggcc	ctgcagaagc	tggaggaggc	agaaaaagct	300
gcagatgaga	gtgagagagg	aatgaagggt	atagaaaacc	gggccatgaa	ggatgaggag	360
aagatggaga	ttcaggagat	gcagctcaaa	gaggccaagc	acattgcgga	agaggctgac	420
cgcaaatacg	aggaggtagc	tcgtaagctg	gtcatcctgg	agggtgagct	ggagagggca	480
gaggagcgtg	cggagggtgc	tgaactaaaa	tgtggtgacc	tggagaaga	actcaagaat	540
gttactaaca	atctgaaatc	tctggaggct	gcatctgaaa	agtattctga	aaaggaggac	600
aaatatgaag	aagaaattaa	acttctgtct	gacaaactga	aagaggctga	gaccctgtgt	660
gaatttgcag	agagaacggg	tgcaaaactg	gaaaagacaa	ttgatgacct	ggaagagaaa	720
cttgcccagg	caaagaaga	gaacgtgggc	ttacatcaga	cactggatca	gacactaaac	780
gaacttaact	gtatataagc	aaaacagaag	agtcttggtc	caacagaaac	tctggagctc	840
cgtgggtctt	tctcttctct	tgtagaagt	tccttttggt	attgccatct	tcgctttgct	900
ggaaatgtca	agcaaattat	gaatacatga	ccaaatatatt	tgtatcggag	aagctttgag	960
caccagttaa	atctcattcc	ttcccttttt	ttttcaaagt	gcaccagctt	tttcagctct	1020
cttatttttt	ccttaagtag	catttatctc	taaggtaggc	agggatattc	ctagtaagca	1080
tactttctta	agacggaggc	catttggttc	ctggggagaat	aggcagcccc	acactttgaa	1140
gaatacagac	cccagtatct	agtcgtggat	ataattaaaa	cgctgaagac	cataaccttt	1200
tgggtcaact	gttgggtcaa	ctataggaga	gaccagggac	catcacatgg	gtagggtatt	1260
tccatccaga	gccaaataaaa	ggactggtgg	gggcccgggg	tggctattgt	gggaagtcat	1320
aacccacaga	tagatcaacc	taagaatcct	ggcccttctc	cactctccac	catgcaggac	1380
aaacatcttc	tcaagcagtc	aacgtagaat	gcttgggaaa	tagtcataat	taccacata	1440
tagtaattaa	tagatggtaa	ttaattgata	cttgatgtga	tgttcttttg	catatttctt	1500
tcattctaaa	gttgttccct	ggccggggagc	gttggctttc	gcctgtaatc	ccaacacttt	1560
gggaggccag	gacagatcac	ttgaggtcag	gagttcgaga	ccagcccagc	caacatggcg	1620
aaaccatgtc	tctactaaaa	atacaaaaaat	tatggtgacg	cctgcctgta	gtcccagcta	1680
ctcggggaggc	tgaggcagga	ggatcgcttg	aacccaggaa	gtggagactg	cagtgaagccg	1740
atatcgacc	acagcgctcc	agcctggctg	acagagttag	actccatctc	aagaaaaaaa	1800
aaa						1803

<210> 8393

<211> 2176

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1779)...(656)

<223> similar to gi4689266 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8393
ccaaaaatct acttgccata attgtttgta tgagctttgg gaatatattg atagttacag 60
acaattcagt gaaacttaga ggcaaccaca caatcacgag tatctgtaag tattcagttt 120
tcaaactgaa cagggctcac acccgtcaga caccagaaa gaataaggac aaatcccttg 180
tttattatta aaaactcata taggatgctt tatttataga tacacagtta actatgtaca 240
aaataaaaaa aaggaaaacc aatctactaa aatatattaa ctctaagaaa atcagatctt 300
attcctgttt ctccatacta ggcataatta ttttcaaagc tatacaatac gaagtttatc 360
agtcttatct gtttgccata acatcattat gaattttctc ttttaaaaat ggcaataaca 420
agtgacttat gttctaataa aatttggatc acagctagca aatgaaagac tatgagactc 480
aatcactttt aatcattaag tttgtgttag tctttattaa aaacaaaaaa taactaaaat 540
ttcagacagc gatgtacata atatatataa gaatataccc aaaaaagtaa atttctacca 600
ccctcgcaca gcagaaattt caatgggtta ttctatacca aatccaagtg tttacatcca 660
agatgtcaca gaggtaactt ccttttgtac cttattgagc tctggaaaca gttcctgtat 720
cacaatgtcc aataaaacat aagtcagctg cttgttgagt actggttgct gtaagccatc 780
aaacagaagt ctgatgcttt catacttggg ttcttcacca atacacttga ctaacagatc 840
tggaatgtaa ttcatcattt cttcaaaagt ctgttttgct cctttttgct tatcttggag 900
agagcgaggt tcagtgtttt cacagaatat agcatctctg agaagtgtta tgagtgagac 960
caaacggtgc tctgaaata gctgttctag tttacactga agatagtaat cagtatacat 1020
ttccagggtg tttttaaaga ggattcgagt tcccattaag agatgatgaa gccagtcagg 1080
aacctggaaa actaccgctc ctacatacat caggtaatca tagactcctt ctacagtcac 1140
cacctccata aaataattct gattttgctt tctctctgta ttttcagcac ggtttgcat 1200
atttttaaac agatcattga aaagcttctt gttgttttct gaagtagggc tgagaatgg 1260
cagttctggg ctacttgggt taggcttttg agactcacia gaattaatga aattcatgat 1320
aaaagggtcc aaatgctgac ctttctcttt cattagtttt ccaggaacag attttataat 1380
tttcccaaga tttacatctg gtagtatctt atcaagaaat tgtgtttccc caccattagg 1440
ggaaagaaa tctgccagaa gttgactatt actcagttct ggatgctgca gaagtttctg 1500
tagatattct tggaactctt ccctctttga ctttaagaat tcataatttt tggggccaat 1560
gatcctctta gaaggaagct gggcatcagg aaatgcacca tgaaattctg ttagttttga 1620
ttcaagtaca tagaattcaa gatatcttct atagacagac caatgttcag gctcgtgtcc 1680
aactgctctt ctatcatttc tttcaacatc aatacaaaac acaggaattc tttctttttt 1740
ctccttcctt tcagaggagg gatcctcaaa aaagtctaca tatggaatgc taattttcca 1800
tgcagcaagg tttcggggag tattaggtgt gctcacagcc tccactggag aatcatcttc 1860
cattacaaca ataccttctt caataaaatc atcttcacct tcagctacac cataattagg 1920
caacatagct ccctccattg tgggtacttt gaatactcct ttaattttgc tacctattct 1980
gctgattcca aatgattctc cccttttctg tgtgttccga aaatcatcca aacttaggct 2040
acctctgttc aattttgaat tgcgtgttgg tgattctgcc cctcttaaaa gttgtctgaa 2100
atactcatcc ctatggcaga acataggagt aaatacatc tccaaaaggg aaagaacatg 2160
ttcatatgct cggacg 2176
```

<210> 8394

<211> 2312

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (180)...(1862)

<223> similar to gi4884130 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8394
acgctccgga atttctcggg tcgacgattt cgtcagggag catgattgat gccaacctga      60
aattgctgca ggaagctgag caacgtctca aagccattgt ggcagagaag tttgccattg     120
ccaccaagga aggtgatttg ccccaggtgg agcgcttctt caagatcttc ccactgctgg     180
gtttgcatga ggagggatta agaaagttct cggagtacct ttgcaagcag gtggccagta     240
aagctgagga gaatctgctc atggtgctgg ggacagacat gagtgatcgg agagctgcag     300
tcatctttgc agatacactt actcttctgt ttgaagggat tgcccgcatt gtggagacct     360
accagccaat agtggagacc tattatgggc cagggagact ctataccctg atcaaatac     420
tgcaggtgga atgtgacaga caggtggaga aggtggtaga caagttcatc aagcaaaggg     480
actaccacca gcagttccgg catgttcaga acaacctgat gagaaattct acaacagaaa     540
aaatcgaaac aagagaactg gaccccatcc tgactgaggt caccctgatg aatgcccgca     600
gtgagctata cttacgcttc ctcaagaaga ggattagctc tgattttgag gtgggagact     660
ccatggcctc agaggaagta aagcaagagc accagaagtg tctggacaaa ctctcaata     720
actgcctttt gagctgtacc atgcaggagc taattggctt atatgttacc atggaggagt     780
acttcatgag ggagactgtc aataaggctg tggctctgga cacctatgag aagggccagc     840
tgacatccag catggtggat gatgtcttct acattgttaa gaagtgcatt gggcgggctc     900
tgtccagctc cagcattgac tgtctctgtg ccatgatcaa cctcgccacc acagagctgg     960
agtctgactt cagggatggt ctgtgtaata agctgcggat gggctttcct gccaccacct    1020
tccaggacat ccagcgcggg gtgacaagtg ccgtgaacat catgcacagc agcctccagc    1080
aaggcaaat tgacacaaaa ggcacgcaga gtactgacga ggcgaaagat tccttcctgg    1140
tgactctgaa caacgtggaa gtctgcagtg aaaacatctc cactctgaag aagacactgg    1200
agagtgactg caccaagctc ttcagccagg gcattggagg ggagcaggcc caggccaagt    1260
ttgacagctg cttttctgac ttggccgccc tgtccaacaa attccgagac ctcttgagg    1320
aagggtgac ggagctcaac agcacagcca tcaagccaca ggtgcagcct tggatcaaca    1380
gctttttctc cgtctccac aacatcgagg aggaagaatt caatgactat gaggccaacg    1440
acccttgggg acaacagttc atccttaacc tggagcagca aatggcagag ttcaaggcca    1500
gcctgtcccc ggtcatctac gacagcctaa ccggcctcat gactagcctt gttgccgtcg    1560
agttggagaa agtgggtgctg aaatccacct ttaaccggct ggggtggtctg cagtttgaca    1620
aggagctgag gtcactcatt gcctacctta ccacggtgac cacctggacc atccgagaca    1680
agtttgcccc gctctcccag atggccacca tcctcaatct ggagcgggtg accgagatcc    1740
tcgattactg gggacccaat tccggcccat tgacgtggcg cctcaccctt gctgaagtgc    1800
gccaggtgct ggccctgcgg atagacttcc gcagtgaaga tatcaagagg ctgcgcctgt    1860
agctgcctgg atgagcacac ctggctcatc acacttgagc gcctgttccc taaggggccc    1920
cagccaagga gctgagcgag gctgtcgggc ttgggggaga tctgacagcc cagacctttc    1980
tacggctggc agcagagaaa caaagtctgg acccactcca tgctctgccc tcagacctgg    2040
ccaggtgatg ctctgggggc agcatctccc caccgagaga agcgggctcc taatgagggtg    2100
ggaaagccac ggcaggcagc gagcagccca ggccagcttt ctgcatggat ggtcagctc     2160
ttgccctcaa acactacagc aaacaagcta cccctgccag tcctagacaa cttgggtaca     2220
tctggggacc tagcagttag gcttgacttt gaggagaggc tgtgatgttt atgatccctg     2280
aataaagcta ctcttgagg agaaaaaaaa aa                                     2312

```

<210> 8395

<211> 2840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1278)...(1811)

<223> similar to gi5738523 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8395
gcgaggcggt ctccgcgggc agccggcggc ggggccttgc cttacagcgc ggggtcctcg 60
gcggcctggg tggctactgc ccctgctgct gtcgtaggcg aggacggctg ttagtgctgc 120
tgctgttggg tcgtcgcggc ggcgaaggag gaggaggaag agggcgaggc gacaagagaa 180
gaaggaggca ggcgcggcgg cagcggcggc gccccgagcc ggcgaggcg agggggggga 240
agatggcgga cgtgcttagc gtctgcgac agtacaacat ccagaagaag gagattgtgg 300
tgaagggaga cgaagtgatc ttcggggagt tctcctggcc caagaatgtg aagaccaact 360
atgttgtttg ggggactgga aagggaaggcc aaccagaga gtactacaca ttggattcca 420
ttttatttct acttaataac gtgcacctt ctcacctgt ttatgtccga cgtgcagcta 480
ctgaaaatat tcctgtgggt agaagacctg atcgaaaaga tctacttggga tatctcaatg 540
gtgaagcgtc aacatcgga agtatagaca gaagcgctcc cttagaaata ggtcttcagc 600
gatctactca agtcaaacga gctgcagatg aagttttagc agaagcaaag aaaccacgaa 660
ttgaggatga agagtgtgtg cgcttgata aagagagatt ggctgcccg tggagggtc 720
acaaagaagg gattgtacag actgaacaga ttaggtcttt gtctgaagct atgtcagtg 780
aaaaaattgc tgcaatcaaa gccaaaatta tggctaagaa aagatctact atcaagactg 840
atctagatga tgacataact gcccttaaac agaggagttt tgtggatgct gaggtagatg 900
tgacccgaga tattgtcagc agagagagag tatggaggac acgaacaact atcttacaaa 960
gcacaggaaa gaatttttcc aagaacattt ttgcaattct tcaatctgta aaagccagag 1020
aagaagggcg tgcacctgaa cagcgacctg ccccaaatgc agcacctgtg gatcccaact 1080
tgcgcaccaa acagcctatc ccagctgcct ataacagata cgatcaggaa agattcaaa 1140
gaaaagaaga aacggaaggc ttcaaaattg acactatggg aacctaccat ggtatgacac 1200
tgaaatctgt aacggagggt gcatctgccc ggaagactca gactcctgca gccagccag 1260
taccaagacc agtttctcaa gcaagacctc ccccaaatca gaagaaagga tctcgaacac 1320
ccattatcat aattcctgca gctaccacct ctttaataac catgcttaat gcaaaagacc 1380
ttctacagga cctgaaattt gtcccatcag atgaaaagaa gaaacaaggt tgtcaacgag 1440
aaaatgaaac tctaatacaa agaagaaaag accagatgca accagggggc actgcaatta 1500
gtgttaacgt acctataga gtagtagacc agccccttaa acttatgcct caagactggg 1560
accgcgttgt agccgttttt gtgcagggtc ctgcatggca gttcaaaggt tggccatggc 1620
ttttgcctga tggatcacca gttgatatat ttgctaaaat taaagccttc catctgaagt 1680
atgatgaagt tcgtctggat ccaaattgtt agaaatggga tgtaacagta ttagaactca 1740
gctatcacia acgtcatttg gatagaccag tgttcttacg ggtttgggaa acattggaca 1800
ggtacatggg aaagcataaa tcgcacttga gattctgaat tatttggctc ctccatttct 1860
ggaaattgag actcaagctt tatgaattta tcaagaactt aaaaatgaag aaggtcacag 1920
attgatcttt tataagacct tatttgatgc tttgtgcttc aaggagatga tacctgtcat 1980
ccatataagc aaactttttg gcttacaact atttttttaa tattagcctt ctagtctgta 2040
atggaaattg tatattttga tagaagtttt ttctccattg gttaaattag cattacttaa 2100
aatttgtttc tttagaaaat aaatgcagggt tataaatgtg tgtatattta gagattataa 2160
ggctctctga gcccatcttc tggatttttc catggctcct ataaattctt tttactggaa 2220
aatactatgt ttatgaatgg tattaaattt tagtctctctg gaacatccca aaacccaagc 2280
aaagggatgt gactattttg aatgaatcag aatgtcaact tgtatgtaca ctatatctac 2340
acttactcat tatttaaaaa gaataatgaa aaatctagat caattcttca atttgattga 2400
actgttcagc cttttcaaga tttttttatt tacaaatgat tacattttaa tgaatgtaca 2460
ttcttctcac tgactttggg gattttgaaa cctagaatga tgtgtttcta tctgtaatat 2520
ctttccattt gaaaaaaatc tcaaaacaca gattaaacc acaataggct gtagtatttt 2580
ttattttggg agccagagta tgatttgggg gaagaatatg tatcagccct attgcagtat 2640
aactttaagc tccttttctc ttttagtcac ttttgattgt aatttttatg gtataggatt 2700
ttgaatcttc tattttaggc ttgtcagtc tggagtctct atcttccatt atccctaaat 2760
attgataaac tcccaggcac caaagaaaac atttgcttaa ttgtctgaaa agaaacaaga 2820
gaaaaacact ggtatttttg
```

<210> 8396  
 <211> 1630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (94)...(1097)  
 <223> similar to gi3947712 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8396

gaattccccg	gtcgacgatt	tcgtggcagt	caggcctccc	cgctctgtgc	tacctgcggc	60
ccggctctcc	tccgcgcccc	cactcgcgct	gcgatgacgc	gctcactgtt	caagggaac	120
ttttggagt	cagacatcct	cagcaccatc	ggctatgaca	acattatcca	acatctgaac	180
aatggccgca	agaactgcaa	agagtttgaa	gacttttctaa	aagaaagggc	agcaattgaa	240
gagaggtatg	gcaaagatct	gctcaacctc	tctaggaaga	agccgtgtgg	acagtctgaa	300
atcaacaccc	tgaagcgggc	ccttgaagtc	ttcaagcagc	aagtagacaa	tgtggcacia	360
tgtcacattc	agcttgca	gagtttaaga	gaagaggcca	ggaagatgga	agaattcagg	420
gaaaagcaaa	aactacaacg	aaaaaagaca	gagctcataa	tggatgctat	ccataaacia	480
aagagcttac	aattcaagaa	aaccatggat	gcaaagaaga	actatgagca	gaaatgccgg	540
gacaaagatg	aggcagaaca	ggccgtcagc	cgagagtcca	acctggtgaa	cccgaagcaa	600
caagaaaagc	tttttgtgaa	actggcaact	tcaaagaccg	cagtagagga	ctcagacaaa	660
gcatacatgc	tgacatcgg	caccctggat	aaggtccgag	aagagtggca	gagtgcac	720
atcaaggcct	gcgaggcatt	tgaggctcaa	gaatgtgaac	gaataaactt	cttccggaat	780
gcattgtggt	tacatgtgaa	tcagctgtca	caacaatgtg	tcaccagtga	tgaaatgtac	840
gaacaagtcc	gaaagagttt	agaaatgtgc	agcattcaga	gggacattga	atactttgtg	900
aatcaacgca	aaactggaca	gattccacca	gcacccatca	tgtatgagaa	tttctactcc	960
tcccagaaga	atgcagtccc	agcaggaaag	gctacagggc	ctaacttggc	aaggagagga	1020
ccctcccaa	ttcctaaaag	ctcaccagat	gatcccaatt	actctttggt	tgatgactac	1080
agtttgctct	atcagtaaaa	tcaatgaaac	cagagctttt	tccggctagt	gcttctgtga	1140
tatgggaaag	gcacccagag	cagcaggacc	tatagccacg	ttatgtcagc	aatgaagact	1200
ttgaagtga	cccttgctat	aatttttttag	agatttaaaa	tttatggtag	acatttagga	1260
caacataagc	aagtagagtt	ctgcagtttt	ttgaagttaa	caaattgccc	cattctgaag	1320
aattattctt	tcccagttac	tcaggttatg	aatgaattag	gttttcaaca	tggaagcat	1380
gaaatccact	tctggatttg	gagcatccac	ttgaggagca	gaggtggcag	cagaggattc	1440
tgagccacca	actgcagtag	tggctccttt	ggctttgggc	agcctggctg	tggagtctcc	1500
acggcgacac	acagcctcag	tgggtgcaaga	tttaaaatta	ccttcctttt	tggctggaag	1560
acttagaagc	cgctgatca	tactttctca	ttttacagat	gaggaaataa	agcctacaag	1620
tgtgaaatta						1630

<210> 8397  
 <211> 1950  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (53)...(1586)  
 <223> similar to gi3875246 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8397  
 cgactggcct tgagggagag ctggggcctg ctccccggaga gatacggcta tgtcgatcga 60  
 aatcgaatct tcggatgtga tccgccttat tatgcagtac ttgaaggaga acagtttaca 120  
 tcgggcgtta gccaccttgc aggaggagac tactgtgtct ctgaatactg tggacagcat 180  
 tgagagtttt gtggctgaca ttaacagtgg ccattgggat actgtgttgc aggctataca 240  
 gtctctgaaa ttgccagaca aaacctcat tgacctctat gaacaggttg ttctggaatt 300  
 gatagagctc cgtgaattgg gtgctgccag gtcacttttg agacagactg atcccatgat 360  
 catgttaaaa caaacacagc cagagcgata tattcatctg gagaaccttt tggccaggtc 420  
 ttactttgat cctcgtgagg catacccaga tggaaagtagc aaagaaaaga gaagagcagc 480  
 aattgcccag gccttagctg gcgaagtcag tgtgggtgcct ccatctcgtc tcatggcatt 540  
 gctgggacag gcactgaagt ggcagcagca tcagggattg cttcctcctg gtatgacct 600  
 agatttgttt cgaggcaagg cagctgtcaa agatgtggaa gaagaaaagt ttcctacaca 660  
 actgagcagg catattaagt ttggtcagaa atcacatgtg gagtgtgctc gattttctcc 720  
 agatggctcag tattttggtca ctgggtctgt tgatggattc attgaagtat ggaactttac 780  
 tactggaaaa atcagaaaagg atcttaagta ccaggcccaa gataacttta tgatgatgga 840  
 tgatgctgtc ctctgcatgt gtttcagcag agatacagaa atgttagcaa ctggggccca 900  
 agatggaaaa atcaaggtgt ggaagattca gagtggacaa tgtttaagga gatttgagag 960  
 ggcacacagt aaggggtgtc cctgtctaag cttttctaag gatagcagtc agatccttag 1020  
 tgcttctttt gaccagacaa ttagaattca tgggttaaaa tctgggaaaa ccctgaagga 1080  
 atttcgtggc cattcctcct ttgttaacga agcaacattt acacaagatg gacattacat 1140  
 tattagtgc tctctgatg gcactgtaaa gatctggaat atgaagacca cagaatgttc 1200  
 aaataccttt aaatccctgg gcagcaccgc agggacagat attaccgtca acagtgtgat 1260  
 tctacttcct aaaaaccctg agcactttgt ggtgtgcaac agatcaaaca cgggtggtcat 1320  
 catgaacatg caggggcaga ttgtcagaag cttcagttct ggtaaaagag aagggtgggga 1380  
 ctttgtttgc tgtgccctct ctccccgtgg tgaatggatc tactgtgtag gggaggactt 1440  
 tgtgctctac tgtttcagta cagtactgg caaactggag agaactttga cagtgcacga 1500  
 gaaggatgtg attggtattg cacatcacc tcatcagaac ctgattgcta cctacagtga 1560  
 agatggactc cttaaagctc ggaaaccata attcaacttt tctttttaaa tcagctcgaa 1620  
 agcatgtact taaatgaagc atattcatgt aatgtgcttt tttttttttt tggccccctt 1680  
 tttaaaaaaa aaaaaagggc gaaaataccc ccaaaaaaat ttgggaaaaa ttaaggttta 1740  
 aaaaaccacc cccctttttt ttttaaaaaa ttttaagggg attaatattt tttttttaaa 1800  
 gggggggcac ccttaaaggg ttcaaaaaaac cccccccgg gaaggggaaa accggatttt 1860  
 ttaaaaaaaa aattccccc cccttttatt tggaaagggg ggggaaaagg cccccccaa 1920  
 aaaaaaactt ggaaaaaagg aacttttcat 1950

<210> 8398  
 <211> 1535  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (114)...(722)  
 <223> similar to gi857682 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 8398
tttcgtcgcg tggacccgaa agccgctggg aaaagtttac ccaaggtcca gcctagcccc 60
taggcaccat gtcggacagt gatctaggtg aggacgaagg cctcctctcc ctggcgggca 120
aaaggaagcg cagggggaac ctgccaagg agtcggtgaa gatcctccgg gactggctgt 180
acttgcaccg ctacaacgcc taccctcag agcaggagaa gctgagcctt tctggacaga 240
ccaacctgtc agtgctgcaa atatgtaact ggttcatcaa tgcccggcgg cggcttctcc 300
cagacatgct tcggaaggat ggcaaagacc ctaatcagtt taccatttcc cgccgcgggg 360
gtaaggcctc agatgtggcc ctccccctg gcagcagccc ctcagtgtg gctgtgtctg 420
tcccagcccc caccaatgtg ctctccctgt ctgtgtgctc catgccgctt cactcaggcc 480
agggggaaaa gccagcagcc ctttccccc gtggggagct ggagtctccc aagcccctgg 540
tgacccttg tagcacactt actctgctga ccagggtga ggctggaagc cccacaggtg 600
gactcttcaa cagccacca cccacacccc cagagcagga caaagaggac ttcagcagct 660
tccagctgct ggtggaggtg gcgctacaga gggctgctga gatggagctt cagaagcagc 720
aggacccatc actccatta ctgcacactc ccatccctt agtctctgaa aatccccagt 780
aggcatctgc caagaagggt gctgaaggct ccagccagct gtcctgggtt tccgttttgg 840
ttccctttca tacagagggt tttctatgga tcaactgcaa acattgggat catctcctct 900
gtccagaggt cttcaacagg aagatgccag ctggcaccac tgcactgtga tgggggccct 960
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gagacaagca tgggtgctgct gcttctgctg cttctccaga aaatccctgg gacacctttg 1080
ttccagcctg gtttcttggg ctgggctcag gaaagctgcc aaattcagtc ctatgttggg 1140
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gtgaacaaaa gaaaagagga acccagtgga tgtaacagaa ccgactccag ttgaatgttt 1260
agatttttgc taaactcgtt ttctttttcc cttttttgct gtggtttgca ttcacggcag 1320
tagttagccc aggtgtgggg aacgagagt cactgcatga tagcgttctg gtgagctggg 1380
aaggacccca ccactgccac tgaggattgt tttggaagaa aggaatattt ttatcttggg 1440
gaccagctaa gtctctgcag tagtgtgaaa ttccaaatgg ttgttttatc attggtttgg 1500
tttaccaaaa aaaaggcagg gaaaaaaaaa aaaaa 1535

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<210> 8399

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (226)...(884)

<223> similar to gi3859936 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8399
gtcgacgatt tcgtgctgct ggcttctgct gctgcggtgt cgatgtcgcg gccagggcca 60
agccgcttcg agttcacagg cggaacccct gcaggcggcg cccctacgc gaggtcaccc 120
ctgggaagga gcgcagccca cccggccctt ccgcatccga gcaggacgcc cgtctcctct 180
ccctgaggat ttcaggtctc cctgtcccag gaggttgtg ccaagatggc atcagctgga 240
gacaccagg caggcccacg ggatgcagca gatcagaact tcgactatat gttcaaactg 300

```

ctactgatag	gcaacagcag	tgtgggcaag	acttccttcc	tgttccgata	cgcggacgac	360
tccttcactc	ccgccttcgt	cagtactgtg	ggcatcgatt	tcaaggtcaa	gaccgtctac	420
cgccatgaca	agaggatcaa	gctgcagatc	tgggacacag	cgggccagga	gcgctaccgc	480
accatcacca	cggcctacta	ccggggagcc	atgggcttcc	tgctcatgta	tgacatcgcc	540
aatcaggaat	cctttgccgc	tgtgcaggac	tgggccacgc	aaatcaagac	ctactcctgg	600
gacaacgccc	aggtcatcct	ggtggggaac	aagtgtgacc	tggaggacga	acgtgtttgtg	660
cctgctgagg	atggccggag	gctcgccgac	gaccttggtt	tcgagttctt	tgaagccagt	720
gccaaaggaga	acatcaacgt	gaagcaggtc	ttcgagcgcc	tgggtggatgt	catctgcgag	780
aagatgaacg	agtccttgga	accagctcc	agctcaggca	gcaacgggaa	aggcccggcc	840
gtgggggatg	ctccagcccc	ccagcccagc	agctgcagct	gctagagatg	gcccccaacc	900
ccccacccac	ccctctcctg	cctcggcagg	gactgtgatc	gaggcgtgag	ccacagtggg	960
tatctccaag	ctcagggcaa	tcccttccct	cctgtcaact	gctccccgac	tcctgcatgg	1020
ctcattcctt	cacaatgtcg	ccgtggctgc	caggttcctc	aggcagcccc	ggtgggaggc	1080
tgcgggacat	ggggactcag	ctctgcatgg	caggcagagg			1120

<210> 8400

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (54)...(300)

<223> similar to gi2584789 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8400

atttcgtatc	cgagtgaggc	gacggggtag	gggttggcgc	tcaggcggcg	accatggcgt	60
atcacggcct	cactgtgcct	ctcattgtga	tgagcgtgtt	ctggggcttc	gtcggcttct	120
tggtgccttg	gttcatccct	aagggtccta	accggggagt	tatcattacc	atgttggtga	180
cctgttcctg	ttgctgctat	ctcttttggc	tgattgcaat	tctggcccaa	ctcaaccctc	240
tcttttgacc	gcaattgaaa	aatgaaacca	tctggtatct	gaagtatcat	tggccttgag	300
gaagaagaca	tgctctacag	tgctcagtct	ttgaggtcac	gagaagagaa	tgcttcttag	360
atgcaaaaac	acctccaaac	cagaccactt	ttcttgactt	gcctgttttg	gccattagct	420
gccttaaacg	ttaacagcac	atttgaatgc	cttattctac	aatgcagcgt	gttttccttt	480
gccttttttg	cacttttggtg	aattacgtgc	ctccataacc	tgaactgtgc	cgactccaca	540
aaacgattat	gtactcttct	gagatagaag	atgctgttct	tctgagagat	acgttactct	600
ctccttgga	tctgtggatt	tgaagatggc	tcctgccttc	tcacgtggga	atcagtgaag	660
tgtttagaaa	ctgctgcaag	acaaacaaga	ctccagtggg	gtggtcagta	ggagagcacg	720
ttcagaggga	agagccatct	caacagaatc	gcaccaaact	atactttcag	gatgaatttc	780
ttctttctgc	catcttttgg	aataaatatt	ttcctccttt	caaaaaaaaa	a	831

<210> 8401

<211> 1141

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (162)...(1093)  
 <223> similar to gi5459204 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8401  
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 gctggccaga ttcagctgcc gggaccggac caggtgctta ggagaacatg cagtagaact 120  
 tttcatcaaa caaatggaac acgtcacaga attttgctaa catggacaac tctgcacaga 180  
 aaaatgaacg cactggcaaa catcccagac gtgccagtga agtacagaaa ggttttactg 240  
 ctgcatatcc aacacaatcc tccattcctt ttaaatctca agcttcagta atcccagaat 300  
 cagaaaaaaa aggattcaat agtcaagcca agagatttcc tcataagaag aatgatatcc 360  
 caggacctgg gttctacaat gttattcacc agtcaccggg gtccaacagt gtctcattgt 420  
 ccaagaaaagg aacttgacag tttccctcga tgtgcgcccg attggacacc atcatttcta 480  
 aataccctgc agcgaacgca tacactatcc catcggattt tatttccaag agagacttta 540  
 gtaattcgtg ttccagcatg ttccagttgc caagctttat gaaagctctc aagtttgaaa 600  
 ctctgcacc aaactattac aatgcctctg tctcttgctg caagcagaga aacaacgtct 660  
 gtactcgagc cgggtttatg tcaaaaaccc aaagaggatc tttcgctttt gctgataaag 720  
 gacctcccc agggcattat gatatcaacg aatcccttgt gaagcagtcg ccaaatacat 780  
 taatgtcttg ttttaaatca aaaaccaacc gtggattaaa actgacgtca acaggcccgg 840  
 gacctgggta ttacaacccc agtgattgca caaaagtcc aaaaaagact cttttcccga 900  
 aaaaccccat cctgaacttc tctgctcagc cttcgctctc gcctccgaag ccacctttcc 960  
 caggtcctgg tcagtatgag atcgtggact acttaggcc cgcgaagcat ttcattctcta 1020  
 gtgcatcatt cgtgtccaat accagccggg ggacagcggc gccgcctcag ccaggcctgc 1080  
 ctggcccagc tacgtacaag ccagagcttc caggaaagca gtccttcctc tactacgagg 1140  
 a 1141

<210> 8402  
 <211> 1916  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (65)...(1027)  
 <223> similar to gi4038076 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8402  
 accgcgcctt ccggttcgac gataccatgg caggcggcgg ctgcagggca ggtccagggg 60  
 ccacatggct gagggggacg cagggagcga ccagaggcag aatgaggaaa ttgaagcaat 120  
 ggcagccatt tatggcgagg agtgggtgtg cattgatgac tgtgccaaaa tattttgtat 180  
 tagaattagc gacgatatag atgaccccaa atggacactt tgcttgacag tgatgctgcc 240  
 gaatgaatac ccagggtacg ctccacctat ctaccagttg aatgctcctt ggcttaaagg 300  
 gcaagaacgt gcggatttat caaatagcct tgaggaaata tatattcaga atatcgggtga 360

aagtattctt	tacctgtggg	tggagaaaat	aagagatggt	cttatacaaa	aatctcagat	420
gacagaacca	ggcccagatg	taaagaagaa	aactgaagag	gaagatgttg	aatgtgaaga	480
tgatctcatt	ttagcatgtc	agccggaaag	ttcggttaaa	gcattggatt	ttgatatcag	540
tgaaactcgg	acagaagtag	aagtagaaga	attacctccg	attgatcatg	gcattcctat	600
tacagaccga	agaagtactt	ttcaggcaca	cttggctcca	gtggtttgtc	ccaaacaggt	660
gaaaatgggt	ctttccaaat	tgtatgagaa	taagaaaata	gctagtgcc	cccacaacat	720
ctatgcctac	agaatatatt	gtgaggataa	acagaccttc	ttacaggatt	gtgaggatga	780
tggggaaaca	gcagctgggt	ggcgtcttct	tcatctcatg	gagattttga	atgtgaagaa	840
tgtcatgggt	gtagtatcac	gctgggtatg	agggattctg	ctaggaccag	atcgctttaa	900
acatatcaac	aactgtgcc	gaaacatact	agtggaaaag	aactacacaa	attcacctga	960
ggagtcatt	aaggctttgg	gaaagaacaa	aaaagtaaga	aaagacaaga	agaggaatga	1020
acattaatac	ctgaaactat	aggaaagggt	aatttgccta	taattatata	tacattccat	1080
agtcattcaag	gaatatattg	tgcagagaga	gtatccttga	ctgcttaagt	cagccagttc	1140
agcatggata	ccaacattag	cttttcttct	tggttatata	atctgccaaa	aatagagAAC	1200
ttatgatcta	ttcatgtgtg	tttcaggctt	atttgggaga	actaatttga	actaatcac	1260
catttcatt	aatttttagca	aggtaacagt	tgccaggggc	agtacctgga	attaactgtc	1320
catttcagta	catgtcaagt	gcctttgtta	ggtggagaag	aaatgtctct	agaggaatat	1380
aaatacctga	tttcctgggt	atcgagattc	ttgtactggt	aaatgaatat	tgctttttac	1440
tgctctttat	ggcttattgg	aataggagct	catttaagat	tgatcttgga	gagtttcttc	1500
ttgtgatttt	agttcataag	tatgtcacct	ttcattttat	agtgttcac	attgagtaat	1560
ggattaagt	aaaatccagg	agtatccatc	tgcagttatg	tgctgaggtg	ataattcatc	1620
caacatattt	gttagcataa	atattatgct	tcagtttctg	ttgcaaattg	gtgattgtga	1680
aattacagaa	agtgattttc	tagtctgctt	tttttgttta	attcttgtaa	tgtaagcaat	1740
aaatatggag	tgctcagtag	ctccttccac	cccagaaatg	tgttgggtga	acattctcgt	1800
ttcttttaac	aacctggaag	tacctttctt	gtgatcttca	ctgaggaatt	agaactatga	1860
tagaagttag	gctgtggcaa	atgggacatt	cgtagagtgg	gatagagggtg	gcagat	1916

<210> 8403

<211> 1916

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (206)...(1762)

<223> similar to gi5059425 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8403

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tctctgcgaa	aggaccaagc	cccagaagtc	actccatctc	ctacggctcg	caatttccag	180
aggccccctg	gcaccttcca	gcctgatgtc	gtgcgtcaag	ttatggccca	gcggtgcccc	240
cgcccccttg	gtgtccatcg	aggaaactgga	gaaccaggag	ctcgtcggca	aaggcggtt	300
cggcacagt	ttccgggcgc	aacataggaa	gtggggctac	gatgtggcgg	tcaagatcgt	360
aaactcgaag	gcgatatcca	gggagggtcaa	ggccatggca	agtctggata	acgaattcgt	420
gctgcgccta	gaaggggtta	tgcagaaggt	gaactgggac	caagatccca	agccggctct	480
ggtgactaaa	ttcatggaga	acggctcctt	gtcggggctg	ctgcagtccc	agtgcctcgc	540
gccctggccg	ctcctttgcc	gcctgctgaa	agaagtgggt	cttgggatgt	tttacctgca	600
cgaaccagaac	ccggtgctcc	tgcaccggga	cctcaagcca	tccaacgtcc	tgccggaccc	660

agagctgcac	gtcaagctgg	cagatTTTgg	cctgtccaca	tttcagggag	gtcacagtc	720
agggacaggg	tccggggagc	cagggggcac	cctgggctac	ttggccccag	aactgtttgt	780
taacgtaaac	cggaaggcct	ccacagccag	tgacgtctac	agcttcggga	tcctaattgtg	840
ggcagtgtt	gctggaagag	aagttgagtt	gccaaaccgaa	ccatcactcg	tgtacgaagc	900
agtgtgcaac	aggcagaacc	ggccttcatt	ggctgagctg	ccccaaagccg	ggcctgagac	960
tcccggctta	gaaggactga	aggagctaata	gcagctctgc	tggagcagtg	agcccaagga	1020
cagaccctcc	ttccaggaat	gcctaccaa	aactgatgaa	gtcttccaga	tggtggagaa	1080
caatatgaat	gctgctgtct	ccacggtaaa	ggatttcctg	tctcagctca	agagcagcaa	1140
taggagattt	tctatcccag	agtcaggcca	aggagggaca	gaaatggatg	gctttaggag	1200
aaccatagaa	aaccagcact	ctcgtaatga	tgtcatgggt	tctgagtggc	taaacaaact	1260
gaatctagag	gagcctccca	gctctgttcc	taaaaaatgc	ccgagcctta	ccaagaggag	1320
cagggcacaa	gaggagcagg	ttccacaagc	ctggacagca	ggcacatctt	cagattcgat	1380
ggcccaacct	ccccagactc	cagagacctc	aactttcaga	aaccagatgc	ccagccctac	1440
ctcaactgga	acaccaagtc	ctggaccccc	agggaatcag	ggggctgaga	gacaaggcat	1500
gaactggctc	tgcaggaccc	cggagccaaa	tccagtaaca	gggcgaccgc	tcgttaacat	1560
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tgccttgccc	acatgggggt	tggcaccttc	gggcaagggg	aggggcttgc	agcaccctcc	1680
accagtaggt	tcgcaagaag	gccctaaaga	tcttgaagcc	tggagcaggc	cacaggggtg	1740
gtataatcat	agcgggaaat	aaagcacctt	ccaagcttgc	ctccaagagt	tacgagttaa	1800
ggaagagtgc	cacccttga	ggccctgac	ttccttctag	ggcagtctgg	cctgcccaca	1860
aactgacttt	gtgacctgtc	ccccaggagt	caataaacat	gatggaatgc	taaaaa	1916

<210> 8404

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8404

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agatggtgct	ggatctggat	ttgtttcggg	tggataaagg	aggggaccca	gccctcatcc	120
gagagacgca	ggagaagcgc	ttcaaggacc	cgggactagt	ggaccagctg	gtgaaggcag	180
acagcgagtg	gcgacgatgt	agatttcggg	cagacaactt	gaacaagctg	aagaacctat	240
gcagcaagac	aatcgagag	aaaatgaaga	aaaaagagcc	agtgggagat	gatgagtctg	300
tcccagagaa	tgtgctgagt	ttcgatgacc	ttactgcaga	cgctttagct	aacctgaaag	360
tctcacaaat	caaaaaagtc	cgactcctca	ttgatgaagc	catcctgaag	tgtgacgcgg	420
agcggataaa	ggtggaagca	gagcggtttg	agaacctccg	agagattggg	aaccttctgc	480
acccttctgt	acccatcagt	aacgatgagg	atgtggacaa	caaagtagag	aggatttggg	540
gtgattgtac	agtcaggaag	aagtactctc	atgtggacct	ggtggtgatg	gtagatggct	600
ttgaaggcga	aaagggggcc	gtggtggctg	ggagtcgagg	gtacttcttg	aagggggctc	660
tggtgttcct	ggaacaggct	ctcatccagt	atgcccttcg	caccttgga	agtcggggct	720
acattcccat	ttatacccc	tttttcatga	ggaaggaggt	catgcaggag	gtggcacagc	780
tcagccagtt	tgtgaagaa	ctttataagg	tgattggcaa	aggcagtga	aagtctgatg	840
acaactccta	tgatgagaag	tacctgattg	ccacctcaga	gcagccatt	gctgccctgc	900
accgggatga	gtggctccgg	ccggaggacc	tgcccatcaa	gtatgctggc	ctgtctacct	960

gcttccgtca	ggaggtgggc	tcccatggcc	gtgacacccg	tggcatcttc	cgagtccatc	1020
agtttgagaa	gattgaacag	tttgtgtact	catcacccca	tgacaacaag	tcatgggaga	1080
tgtttgaaga	gatgattacc	accgcagagg	agttctacca	gtccctgggg	attccttacc	1140
acattgtgaa	tattgtctca	ggttctttga	atcatgctgc	cagtaagaag	cttgacctgg	1200
aggcctgggt	tccgggctca	ggagccttcc	gtgagttggt	ctcctgttct	aattgcacgg	1260
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tggagtttgt	ccatatgctc	aatgctacca	tgtgcgccac	taccctgacc	atctgcgcca	1380
tcctggagaa	ctaccagaca	gagaagggca	tactgtgcc	tgagaaattg	aaggagttca	1440
tgccgccagg	actgcaagaa	ctgatcccct	ttgtgaagcc	tgcgcccatt	gagcaggagc	1500
catcaaagaa	gcagaagaag	caacatgagg	gcagcaaaaa	gaaagcagca	gcaagagacg	1560
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cctatttgcc	aggctttcat	ttctgtctgc	tgagatctca	gagcctgccc	aacagcaggg	1680
aagccaagca	cccattcatc	cccctgcccc	catctgactg	cgtagctgag	aggggaacag	1740
tgccatgtac	cacacagatg	ttcctgtctc	ctcgcagggg	catagggacc	catcattgat	1800
gactgatgaa	accatgtaat	aaagcatctc	tggggaggga	aaaaaaaa		1849

<210> 8405

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1085)...(572)

<223> similar to gi5824649 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8405

tttttttttt	ttgggagttg	agattttaat	atcataaatc	ggtgtggggc	cacacctctc	60
actgccaggc	ccgtgggcct	cctatcttca	tattgcctgg	aaggctgcct	gcagccaggg	120
cttcccccat	cccctaggaa	ggatccagca	ccagcctgag	aaggagggca	acagcagcta	180
aagggggtggg	aggaggagga	gacagaagca	tgtgctgcag	gcgcatgtgt	gtatgtactt	240
acatgtgtga	acacatataa	agtgtcaggt	ttacagaccc	tggtcaagg	acagtctagg	300
atgggaaagg	aggtaggggc	agaagaagca	catattttct	ccctggtgct	tcagcctcac	360
cctatccaag	ggacagacat	atggggtgtg	agaaacccat	ccccagggtc	cagccttcag	420
gactggagtc	cttttgagtc	tgggtggagtc	acagatccag	tctttggggg	acactgggtc	480
tgtctccttt	tgaagccct	ggaaagggtg	gaggtaagaa	gtaaagggag	acaggtccct	540
gctagaagaa	cttgacgcct	cgggccatcg	ctgacagtga	tgatctcggc	cttgtgctcc	600
tgctgtaggg	cctgcagagc	ccgcagtaga	gtggcttcat	ccagcccgtg	gaactcctca	660
tcctctgtgt	cttccccatt	agtcagttca	tacagggtaa	agacggagtt	gttctggcca	720
ctcctggaaa	cccactgata	gatgagtttc	ccccattctt	ctggcctccg	ccacatgatc	780
aggaagctgg	acttgtctct	atccaaccac	tcgaggttcc	ctttcttcct	cagttcctct	840
aatacaatct	ggatcgactc	cacaggaagc	tttcgctgta	gcttgacgtt	gttgaagagc	900
gggctctcct	gagcttccat	caccgtcatg	ctggactgtt	tgtgcaggcg	gcagaaggac	960
aggaccagcg	agcaccaggc	ggccagctgc	ttctgccgag	tgtccacatt	cggttgtaac	1020
gtaaagaagg	gtgggaagcg	atactgccac	ggccactcga	aactcatcgc	catcgtagta	1080
gcccagcggg	cgcgtggg					1098

<210> 8406  
 <211> 2657  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (176)...(1579)  
 <223> similar to gi3879146 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8406

gcgcacgtgg	tacggaaccg	gcgccgcgct	tgctgctggt	aacagggcct	tgcctagtgg	60
gccttccttc	ccaggtcgcc	cgtcagtcctc	cactagagac	aggactgacc	agttgctctt	120
ccttccaaga	accttcgaga	tctgcggtct	ggggctctggt	tgaaagatgg	cggccctcac	180
taccctgttt	aagtacatag	atgaaaatca	ggatcgctac	attaagaaac	tcgcaaaatg	240
ggtggctatc	cagagtgtgt	ctgcgtggcc	ggagaagaga	ggcgaaatca	ggaggatgat	300
ggaagttgct	gctgcagatg	ttaagcagtt	ggggggctct	gtggaactgg	tggatatcgg	360
aaaacaaaag	ctccctgatg	gctcggagat	cccgcctcct	cctattctgc	tcggcaggct	420
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gtacctgtat	gaggtctccc	agctgaaggga	ctaggccaag	ccctctgtgt	gccatctcca	1620
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tccagctgtc	cacgggtgga	gctaccctgt	gggcttatga	gtgacctgga	gtgacagctg	1800
agtcaccctg	ggtaagttct	cagagtgggtc	aggatggctt	gacctgcaga	agatacccaa	1860
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cctataatcg	agcacttttg	gaggccaaga	caggaggatc	acttgaggcc	aggagtctga	1980
gacaagccta	ggcaacaaaa	caagactctg	tctctacaaa	aagtttaaga	aatgagccag	2040
acatggtggt	gtatgcctgt	agtcccagcc	actcagaagg	ctgaggcagg	aggatcgctt	2100
gagaccaaga	gtttgagcct	gcggtgagct	gtgaatgcac	cacggcactc	aagcctgggc	2160
aatgtagcaa	gatcctgtct	ctacaagaaa	ttttttaaaa	atgagccaag	tgtggtgggtg	2220
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tgaggaaaga	aattagggcc	tcctctgac	tctcgctatc	tgcgggtcct	gtccttttct	2520
caagaccttc	accattactg	gtgttttcct	gtcttctctt	tagtatgatc	cctcaaaacc	2580
tcactaactg	gaaggatgat	tttgtctcag	tttgtactcc	taaataaaaa	gtaaacatga	2640
cacctctaaa	aaaaaaa					2657

<210> 8407

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (98)...(688)

<223> similar to gi4688892 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8407

cagagacttt	gccaccacca	gtattgggga	tgctgagctg	cggggtacgg	gcctgaggag	60
ggatgggagt	aagaagtgt	gtggaaccg	tcaggccatg	aaccaggctg	accctcggct	120
cagagcagtg	tgcttgtgga	ctctcacatc	tgcagccatg	agcagaggcg	acaactgcac	180
ggatctactc	gcactgggaa	tccctccat	aaccaggcc	tggggactgt	gggtcctctt	240
aggggctgtg	acgctgctat	ttctcatctc	gctggctgca	cacttgtccc	agtggaccag	300
gggccggagc	aggagccatc	cggggcaggg	acgctctgga	gagtctgtgg	aagagggtccc	360
gctgtatggg	aacctgcatt	atctacagac	aggacggctg	tctcaagacc	cagagccaga	420
ccagcaggat	ccaactcttg	gaggccctgc	cagggtgca	gaggaggtga	tgtgctatac	480
cagcctgcag	ctgcggcctc	ctcagggtcg	gatccccggt	cctggaaccc	ccgtcaagta	540
ctcggagggtg	gtgctggact	ctgagccaaa	gtcccaggcc	tcgggccccg	agccggagct	600
ctatgcctca	gtatgtgccc	agaccgcag	ggcccgggcc	tccttccccg	atcaggccta	660
tgccaacagc	cagcctgcag	ccagctgaga	tggagggcct	ggcacagcgg	ggcgtgcact	720
gccccagccc	cccgtagcag	gggcatgact	gtttcccaac	cagcacccaa	agacgggcgc	780
cattgccaaag	tcacaggatg	tgatctaccc	cggacttcct	atctgagctt	caagggagac	840
atctcagggc	aaagctttcg	tgatggagga	ggcaaagaca	gtagccccct	ccttatttct	900
tttttctatc	tgttcctctt	agcccccaaa	ctcccagggt	ctcacttccc	ttttttgggg	960
ggtttaacca	gacccctccc	acccccgctc	cctcatagtc	tacccccacg	cctcagtgtc	1020
tcctcaggca	caggaagtgg	gcggtggggg	aggggtaagg	gcctgacagt	gagtgggtgg	1080
gtatattcct	caggagtcca	cagactggag	tggacctgga	acttagagac	gggagggacc	1140
cgagcctggc	ttttgacctc	agaaccctag	caggagaata	cagtctccat	cctgctgtct	1200
ctgtcctgtc	cccaagtttt	caaataaaac	tttccaaaaa	gtga		1244

<210> 8408

<211> 1467

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (146)...(1397)  
 <223> similar to gi4584877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8408

cggacgcgtg	gggtcaccca	gtcggctgga	gtcggaggcg	atatttctag	gggtgtactt	60
gttgggggtca	gggtaagcac	cagccacaaa	aacctacaaa	agaaggga	ttactgtctt	120
taaatattaa	aaaaaaacaa	gatccatgag	tgggcatcga	tcaacaagga	aaagatgtgg	180
agattctcac	ccggagtccc	cagtgggctt	cgggcatatg	agtactacag	gatgtgtatt	240
aaataaattg	tttcagttac	caacaccacc	attgtcaaga	caccaactaa	agcggctaga	300
agaacacaga	tatcaaagtg	ctggacggtc	cctgcttgag	cccttaatgc	aagggtattg	360
ggaatggctc	gttagaagag	ttccctcctg	gattgcccc	aatctcatca	ccatcattgg	420
actgtcaata	aacatctgta	caactatttt	attagtcttc	tactgcccta	cagctacaga	480
gcaggcacct	ctgtgggcat	atattgcttg	tgctgtggc	cttttcattt	accagtcttt	540
ggatgctatt	gatgggaaac	aggcaagaag	aaccaatagt	agttctcttc	tgggagaact	600
ttttgatcat	ggctgtgatt	cactatcaac	agtttttgtg	gttcttgga	cttgatttgc	660
agtgcagctg	gggacaaacc	ctgattggat	gttttttgtg	tgttttgcgg	ggacatttat	720
gttctattgt	gcgcactggc	aaacgtatgt	ttctggaaca	ttgcgatttg	gaataattga	780
tgtgactgaa	gtgcaaatct	tcataataat	catgcatttg	ctggcagtga	ttggaggacc	840
accttttttg	caatctatga	ttccagtgtc	gaatattcaa	atgaaaattt	ttcctgcact	900
ttgtactgta	gcagggacca	tattttcctg	tacaaattac	ttccgtgtaa	tcttcacagg	960
tgggtgtggc	aaaaatggat	caacaatagc	aggaacaagt	gtcctttctc	cttttctcca	1020
tattggatca	gtgattacat	tagctgcaat	gatctacaag	aaatctgcag	ttcagctttt	1080
tgaaaagcat	ccctgtcttt	atatactgac	atttggtttt	gtgtctgcta	aaatcactaa	1140
taagcttgtg	gttgacacaca	tgacgaaaag	tgaaatgcat	ttgcatgaca	cagcattcat	1200
aggcccggca	cttttgtttc	tggaccagta	ttttaacagc	tttattgatg	aatatattgt	1260
actttggatt	gccctggttt	tctctttctt	tgatttgatc	cgctactgtg	tcagtgtttg	1320
caatcagatt	gcattctacc	tgacataaca	tgtcttcaga	atcaaggtct	ctacagctca	1380
ttctaatacat	cattaatgat	gtaaattggg	atataggaac	atccatgggt	ttcctgccag	1440
gaaagaaagg	taacatatta	aggagagt				1467

<210> 8409  
 <211> 1425  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (224)...(674)  
 <223> similar to gi3642702 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8409

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ggagctgctg	ctaccggaca	ccgagcgcat	ccgtcgggcc	acggaacagc	tccagatcgt	120
tcttcggggc	cccgcgcgtt	tgtcggctct	ctgcgacctg	ctagcctcgg	cggccgaccc	180

ccagatccgc	cagtttgccg	ccgtgctgac	ccgcagacga	ctgaacaccc	gctggcgacg	240
gctggcgccg	gagcaacggg	agagcctcaa	gtccctgata	ctgacggccc	tgcagagaga	300
aacagagcac	tgtgtgagcc	tcagcctggc	ccagctctca	gccaccattt	ttcgaaagga	360
aggcttgagg	gcctggccac	agcttttgca	gctgcttcag	cacagtaccc	acagccccc	420
cagcccagag	agagagatgg	ggcttttgct	gctaagtgtg	gtggtgacct	cccggcccga	480
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gactctgata	cccatagatg	aggcaaaggc	ctgtgaggcc	cttgaggctt	tggatgaact	720
gttggaagtca	gaggtgccgg	tcataccccc	ctacctctct	gaagtcctca	cattctgcct	780
ggaggtagct	agaaatgtgg	ccctgggcaa	tgcgatacgc	atacgatttc	tctgctgcct	840
cactttcttg	gtcaaagtca	agagcaaggc	cttactgaag	aatcgtctcc	tggcaaccct	900
tgtctcacac	ccttttcccc	attgtggctg	ctgagccccc	accaggccag	ttggatcccc	960
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catttcgctg	tacaagtgtg	ggacatgctg	gcactacacc	tgccccccga	gaagctctgt	1080
ccccagctga	tgcccatggt	ggaagaggct	ttgcggagcg	aggagcccat	accagcgcaa	1140
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cccatatcag	cagctatttc	aaggagggtg	atgccactgc	tcctcgccct	cttgaagtcg	1380
gtgcctattg	gacacacaca	ccacctagcc	aaggcctgct	gtatt		1425

<210> 8410

<211> 4588

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (658)...(1421)

<223> similar to gi4884136 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8410

gcgccgcgcg	cgcgctcagg	ctcagcttcg	ctgcccggcc	aggtagtgcc	cgctggagct	60
cgcgcgctca	tccggcacca	ctccagggct	ccaggctcct	cgggcttcgg	gagtcgagac	120
gtggtggagt	tggctcgggc	tgaacttctt	tcgggggggct	gcctgtcctg	gaatcgtgcg	180
acctttcctt	tgccatcctt	ctttttgtag	aagatgaatc	cgggctcggc	gccccctccg	240
ctcccgccgc	ctgggcagca	agtgatccac	gtcacgcagg	acctagacac	agacctcgaa	300
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gagtcctttct	ttaaggagcc	tgattcgggc	tcgcactcgc	gccagtccag	caccgactcg	420
tcggggcgcc	acccggggcc	tcgactggct	gggggtgccc	agcatgtccg	ctcgcactcg	480
tcgcccgcgt	ccctgcagct	gggcaccggc	gcgggtgcct	gcgggtagcc	ccgcgcagca	540
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aaccacccca	ctcagaacct	acccgcaggg	ctcatgagta	tgcccaatgc	gctgaccact	900
cagcagcagc	agcagcagaa	actgcggctt	cagagaatcc	agatggagag	agaaaggatt	960

cgaatgcgcc	aagaggagct	catgaggcag	gaagctgccc	tctgtcgaca	gctccccatg	1020
gaagctgaga	ctcttgcccc	agttcaggct	gctgtcaacc	caccacgat	gaccccagac	1080
atgagatcca	tactaataa	tagctcagat	cctttcctca	atggagggcc	atatcattcg	1140
agggagcaga	gcactgacag	tggcctgggg	ttaggggtgct	acagtgtccc	cacaactccg	1200
gaggacttcc	tcagcaatgt	ggatgagatg	gatacaggag	aaaacgcagg	acaaacaccc	1260
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ggatgtagcc	atgaccttac	atttcctggg	cctcttgga	aaagtgatgg	agcaaagcaa	1500
gtctgcaggt	gcaccacttc	ccgcctccat	gactcgtgct	ccctcctttt	tatgttgcca	1560
gtttaatcat	tgcttggttt	tgattgagag	taacttaagt	taaacataaa	taaatattct	1620
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ggtgttaatt	gaaatttata	caccaattga	ttttaaacca	taaaaagctg	accacaggca	1800
gttacttctg	agggcatctt	ggtccaggaa	atgtgcacaa	aattcgacct	gatttacagt	1860
ttcaaaaact	gtattgtaga	cagtagtacc	aaatgcttta	aaaactattt	aacttgagct	1920
ttaaaaatca	ttgtatggat	agtaaaattc	tactgtatgg	aatacaatgt	aattttgaat	1980
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taaatgtttc	tgaattcagt	aaaattgatt	cctaagtata	ttatccta	cctgtttgct	2940
acagttggta	taaaaaggca	tgaaatatgt	attcaatacc	tcttatgtaa	ccaaaacct	3000
ttttaattag	cttttaaggga	ctgagagagc	atcatgttca	actggcatgc	agctgtcctg	3060
cattgccaat	gaagtccctca	actgtttta	attttgaa	aatattat	ataatctatg	3120
aatttaattct	tttttgaaa	actttaataa	tttgagtctc	tgagaggata	ctttcaattt	3180
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ttatagtacc	ccaaaagcaa	aacaagcagg	agatgcaaga	gatgccccaa	aaggacaaag	3420
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ggtaaatcat	tgatgattta	tattaccaat	ttttagaagt	aattttctag	taagcttgtg	3960
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acctaattgc	caattctgtt	aaatctaagt	aattttttaga	cagtgtttca	ccgtattatt	4500
taggatgtga	aatgccattt	ctttcactgg	attacaccat	atacagggaa	acagggtaaa	4560
acagtggaaa	actttattgg	tgctgggt				4588

<210> 8411

<211> 6057

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(5536)

<223> similar to gil504002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8411

tttcgtcggc	ttccccacgg	gaggacgcga	ggccccggcc	cagccatggc	cccctggcgc	60
aaagctgaca	aggagcggca	cggcgtggcc	atatacaact	tccaaggcag	cggagccccc	120
cagctctccc	tgcagatcgg	cgatgtgggtg	cgaatacagg	agacgtgtgg	agactgggtat	180
aggggatacc	tcataaagca	caaaatgtta	cagggcattt	ttcctaagtc	atttatccac	240
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<210> 8412

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1566)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (144)...(920)

<223> similar to gi5262511 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8412

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tattcaattt	gtatttgtta	aactcaagcc	aggggtggaaa	gacactgcat	acgtttgtat	1260

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ttgcatatct	actgcatgcc	aagcactttt	tgcatactct	aatttagccc	tcacagccac	1380
tgggtcaaga	tgtccaattt	tccagagtaa	ggatagagga	gtcaaattca	aatacagggt	1440
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ggttccatct	ctgctatatg	gaagaaaaaa	agaaacatag	gcatgggtcaa	tcaaannnna	1560
cgccg						1565

<210> 8413

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(2551)

<223> similar to gi2653402 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8413

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cgtgtcgtca	tttgattctg	tgctttttgc	tccttgtttg	tggggatctg	gggatcagct	2820
gaagg						2825

<210> 8414

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (277)...(618)

<223> similar to gi4210351 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8414

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aaaaa						725

<210> 8415

<211> 660